
Manitoba 

**Annual Statistics
1987-88**

**Manitoba Health
Services Commission**

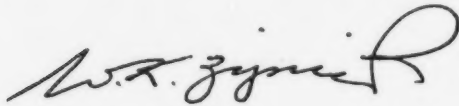
Preface

The Annual Statistics provide material descriptive of the population of Manitoba and the utilization of hospital, personal care, medical, chiropractic, optometric, and oral surgery services by residents of the Province during the fiscal year April 1, 1987 - March 31, 1988. Some material on services pertaining to 1986/87 and earlier years is included to permit comparison of one year to another.

The tables should be read in conjunction with the notes which precede the data in each Section. As well, the footnotes to the individual tables are important for a better understanding of the data.

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Symbols

The following symbols are used throughout the report:

- * * Figures not available.
- * * * Figures not appropriate or not applicable.
 - Nil or zero.
 - - Amount too small to be expressed.

Note: Because of rounding, percentage distributions may not add up in some cases.

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Section I

Population

The population data in this section are based on the Manitoba Health Services Commission records of registered persons as at June 1, 1987. An intensive audit of the Commission's registration records in 1980 and 1981 resulted in the cancellation of registrants who had left Manitoba during the previous 4-5 years without advising the Commission. Some 27,500 persons were deleted from the Commission's registration records between January 1980 and May 1981. Consequently, the population count shown in this report is not comparable to similar records in reports prior to 1981/82.

Table 1 is an analysis of the population of Manitoba by health region, by age group and by sex. The figures in this table are used to calculate the rate per thousand population for a number of indicators that appear in subsequent hospital care and medicare tables.

Table 2 shows the percentage distribution of population by health region, by age group and by sex. As is evident more than one half of the population resides in Winnipeg and children 14 years of age and under comprise the largest single age cohort.

A map of M.H.S.C. Health Regions has been included with the population statistics to complement Tables 1 and 2.

Table 1

Manitoba Population by Health Region, Sex, and Age Group,

June 1, 1987

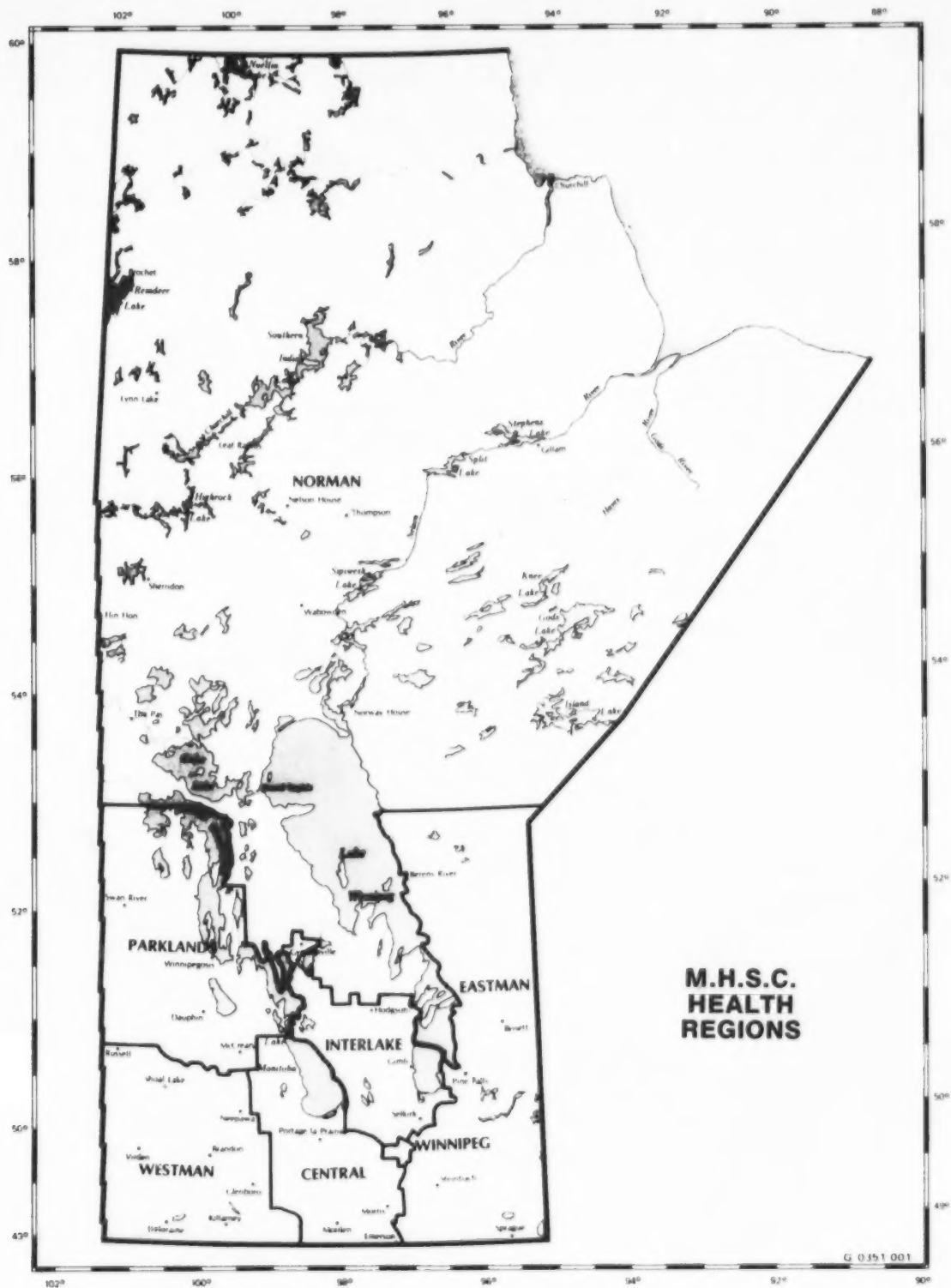
Health Region/Sex	0-14	15-24	25-34	35-44	45-54	55-64	65-74	75 +	Total
Central									
Male	12,435	7,891	7,603	5,573	4,084	3,807	3,389	2,260	47,042
Female	11,807	7,411	7,220	5,320	3,943	4,172	3,843	3,120	46,836
Sub-Total	24,242	15,302	14,823	10,893	8,027	7,979	7,232	5,380	93,878
Eastman									
Male	11,644	7,229	6,836	5,675	3,796	3,272	2,455	1,500	42,407
Female	11,069	6,636	6,688	5,250	3,547	3,043	2,455	1,773	40,461
Sub-Total	22,713	13,865	13,524	10,925	7,343	6,315	4,910	3,273	82,868
Interlake									
Male	8,985	6,242	5,781	5,124	3,632	3,242	2,742	1,515	37,263
Female	8,398	5,721	5,644	4,812	3,464	3,194	2,773	1,849	35,855
Sub-Total	17,383	11,963	11,425	9,936	7,096	6,436	5,515	3,364	73,118
Norman									
Male	13,038	7,760	6,941	5,080	3,114	2,032	1,115	630	39,710
Female	12,312	7,564	6,600	4,414	2,683	1,706	1,109	686	37,074
Sub-Total	25,350	15,324	13,541	9,494	5,797	3,738	2,224	1,316	76,784
Parkland									
Male	5,678	3,901	3,337	2,973	2,369	2,648	2,449	1,668	25,023
Female	5,361	3,435	3,135	2,799	2,210	2,616	2,517	2,057	24,130
Sub-Total	11,039	7,336	6,472	5,772	4,579	5,264	4,966	3,725	49,153
Westman									
Male	13,603	9,305	9,586	7,293	5,346	5,786	5,010	3,538	59,467
Female	12,843	8,994	9,196	7,103	5,442	5,981	5,768	5,191	60,518
Sub-Total	26,446	18,299	18,782	14,396	10,788	11,767	10,778	8,729	119,985
Winnipeg									
Male	63,330	51,026	59,433	44,173	29,186	26,576	19,417	10,895	304,036
Female	59,988	51,754	58,741	44,859	29,682	30,322	26,009	19,951	321,306
Sub-Total	123,318	102,780	118,174	89,032	58,868	56,898	45,426	30,846	625,342
Manitoba									
Male	128,713	93,354	99,517	75,891	51,527	47,363	36,577	22,006	554,948
Female	121,778	91,515	97,224	74,557	50,971	51,034	44,474	34,627	566,180
Total	250,491	184,869	196,741	150,448	102,498	98,397	81,051	56,633	1,121,128

Table 2

Percent Distribution of Manitoba Population by Health Region, Sex, and Age Group,

June 1, 1987

Health Region/Sex	0-14	15-24	25-34	35-44	45-54	55-64	65-74	75 +	Total
Central									
Male	1.1	0.7	0.7	0.5	0.4	0.3	0.3	0.2	4.2
Female	1.1	0.7	0.6	0.5	0.4	0.4	0.3	0.3	4.2
Sub-Total	2.2	1.4	1.3	1.0	0.7	0.7	0.6	0.5	8.4
Eastman									
Male	1.0	0.6	0.6	0.5	0.3	0.3	0.2	0.1	3.8
Female	1.0	0.6	0.6	0.5	0.3	0.3	0.2	0.2	3.6
Sub-Total	2.0	1.2	1.2	1.0	0.7	0.6	0.4	0.3	7.4
Interlake									
Male	0.8	0.6	0.5	0.5	0.3	0.3	0.2	0.1	3.3
Female	0.7	0.5	0.5	0.4	0.3	0.3	0.2	0.2	3.2
Sub-Total	1.6	1.1	1.0	0.9	0.6	0.6	0.5	0.3	6.5
Norman									
Male	1.2	0.7	0.6	0.5	0.3	0.2	0.1	0.1	3.5
Female	1.1	0.7	0.6	0.4	0.2	0.2	0.1	0.1	3.3
Sub-Total	2.3	1.4	1.2	0.8	0.5	0.3	0.2	0.1	6.8
Parkland									
Male	0.5	0.3	0.3	0.3	0.2	0.2	0.2	0.1	2.2
Female	0.5	0.3	0.3	0.2	0.2	0.2	0.2	0.2	2.2
Sub-Total	1.0	0.7	0.6	0.5	0.4	0.5	0.4	0.3	4.4
Westman									
Male	1.2	0.8	0.9	0.7	0.5	0.5	0.4	0.3	5.3
Female	1.1	0.8	0.8	0.6	0.5	0.5	0.5	0.5	5.4
Sub-Total	2.4	1.6	1.7	1.3	1.0	1.0	1.0	0.8	10.7
Winnipeg									
Male	5.6	4.6	5.3	3.9	2.6	2.4	1.7	1.0	27.1
Female	5.4	4.6	5.2	4.0	2.6	2.7	2.3	1.8	28.7
Sub-Total	11.0	9.2	10.5	7.9	5.3	5.1	4.1	2.8	55.8
Manitoba									
Male	11.5	8.3	8.9	6.8	4.6	4.2	3.3	2.0	49.5
Female	10.9	8.2	8.7	6.7	4.5	4.6	4.0	3.1	50.5
Total	22.3	16.5	17.5	13.4	9.1	8.8	7.2	5.1	100.0



Section II

Hospital Care

The information contained in this section is derived from two sources: Annual Return of Hospitals and Admission/Separation Abstract forms.

The tables based on information taken from the Annual Return of Hospitals include data for the fiscal year 1987/88 for residents and non-residents of Manitoba. These are Tables 1, 2, and 12.

The tables which are derived from the Admission/Separation Abstract forms include data for those residents of Manitoba who were separated from the hospital during the period April 1, 1987 - March 31, 1988. An Admission/Separation Abstract form is completed and submitted for each in-patient by all Manitoba hospitals and by hospitals outside of Manitoba providing services to insured residents of the Province. Tables 3 - 11 are based on Admission/Separation Abstract forms.

In reviewing the data in this section the following notes will be helpful:

Rated Bed Capacity — The number of beds and cribs that a hospital has been approved to accommodate, on the basis of established standards of floor area per bed.

Set Up Beds — The number of beds and cribs that are set up for patient care on March 31.

Separations — The discharge or death of an in-patient from a hospital. The frequency counts show individual cases separated, not persons separated.

Patient Days — The total volume of in-patient care of a hospital, expressed in days, during the reporting year.

Separated Days — The accumulated patient days since admission of adults, children, and newborns, who were discharged from the hospital or who died in the hospital during the reporting year, including those admitted in previous years.

Average Length of Stay — Accumulated patient days per separation.

Rate Per Thousand Population — Calculation is based on Table 1 in the Population Section, unless otherwise stated.

Diagnostic Classification/Category — Based on International Classification, 9th Revision, Clinical Modification (ICD-9-CM).

Table 1

In-Patient Care in Manitoba by Type of Hospital,

1987/88

Parameter	Active Treatment Hospitals				Total
	Public General	Specialty	Federal	Extended Treatment	
Number of Hospitals	77	1	20	11 ¹	101 ²
Rated Bed Capacity	5,404	20	95	903	6,422 ³
Total Adult and Child Patient Days	1,566,242	2,651	6,178	153,321 ⁴	1,728,392
Non M.H.S.C. Patient Days	55,781	283	-	1,256	57,320
M.H.S.C. Patient Days	1,510,461	2,368	6,178	152,065	1,671,072
% of M.H.S.C. Patient Days of Total	96.4	89.3	100.0	99.2	96.7
Total Newborn Patient Days	78,066	-	177	-	78,243

¹ Eight are units in Active Treatment Hospitals.² As at March 31, 1988.³ As at March 31, 1988. The figures on this line are somewhat different from those in Tables III and V in the Annual Report 1987/88 because of late adjustments.⁴ In Winnipeg Municipal and Deer Lodge hospitals and Manitoba Adolescent Treatment Centre only; does not include days from extended treatment beds in public general hospitals which are included in column one.

Table 2
Hospital Utilization in Manitoba,
1985/86-1987/88

Parameter	1985/86	1986/87	1987/88	Percent Change Increase (Decrease)	
				1986/87	1987/88
				1985/86	1986/87
A. All Rated Adult and Child Beds					
1. Beds	6,552	6,536	6,422	(0.2)	(1.7)
2. Separations	166,821	168,251	170,166	0.9	1.1
3. Patient Days	1,820,400	1,785,852	1,728,392	(1.9)	(3.2)
4. Occupancy Rate (%)	76.1	74.9	73.4	(1.7)	(2.0)
5. Average Length of Stay (Days)	10.6	10.8	10.0	1.9	(7.4)
Active Treatment Beds					
1. Beds	5,532	5,521	5,519	(0.2)	--
2. Separations	162,686	163,883	166,267	0.7	1.5
3. Patient Days	1,494,954	1,472,140	1,453,405	(1.5)	(1.3)
4. Occupancy Rate (%)	74.0	73.1	71.8	(1.3)	(1.8)
5. Average Length of Stay (Days)	8.9	9.2	8.9	3.4	(3.3)
Extended Treatment Beds					
1. Beds	1,020	1,015	903	(0.5)	(11.0)
2. Separations	4,135	4,368	3,899	5.6	(10.7)
3. Patient Days	325,446	313,712	274,987	(3.6)	(12.3)
4. Occupancy Rate (%)	87.4	84.7	73.4	(3.1)	(13.3)
5. Average Length of Stay (Days)	77.0	73.8	67.9	(4.2)	(8.0)
B. Newborn Bassinets					
1. Bassinets	742	719	701	(3.1)	(2.5)
2. Separations	17,886	17,936	17,818	0.3	(0.7)
3. Patient Days	83,266	84,909	78,243	2.0	(7.9)
4. Occupancy Rate (%)	30.7	32.4	30.6	5.5	(5.6)
5. Average Length of Stay (Days)	4.7	4.8	4.6	2.1	(4.2)

Table 3
Summary of Hospitalization,
1987/88

Parameter	Separations		Separated Days	
	Adult and Child	Newborn	Adult and Child	Newborn
A. Responsibility of Provincial Plan	157,433	16,763	1,686,670	78,611
1. Hospitalized in the Province				
i. Active Treatment Hospitals	152,383	16,553	1,518,086	77,673
ii. Extended Treatment Hospitals	1,462	-	143,475	-
2. Hospitalized in Other Provinces	2,844	192	19,752	816
3. Hospitalized in Other Countries	744	18	5,357	122
B. Not the Responsibility of Provincial Plan (Excluding Patients of Mental and Tuberculosis Institutions)	9,069	744	61,188	3,862
1. Department of Veterans Affairs	32	***	254	***
2. Worker's Compensation Board	1,185	***	6,913	***
3. Uninsured Residents	-	-	-	-
4. Non-Residents	7,783	740	53,845	3,848
5. Insured Residents Not Responsibility of the Provincial Plan	69	4	176	14
6. Other Agencies	-	-	-	-
C. Sum of A and B	166,502	17,507	1,747,858	82,473
D. Population	1,121,128			
E. Rates per 1,000 Population				
1. Based on A and D	140	15	1,504	70
2. Based on B1, 2, 3, 5, 6, and D	1	--	8	--
3. Based on A, B1, 2, 3, 5, 6, and D	142	15	1,511	70
F. Source of Patient of Manitoba Hospitals				
1. Residents of the Province (%)	95.3	95.8	96.9	95.3
2. Non-Residents of the Province (%)	4.7	4.2	3.1	4.7
3. Total (%)	100.0	100.0	100.0	100.0
G. Source of Hospital Care of Residents of Province				
1. Manitoba Hospitals (%)	97.7	98.7	98.5	98.8
2. Hospitals Outside Manitoba (%)	2.3	1.3	1.5	1.2
3. Total (%)	100.0	100.0	100.0	100.0

Table 4

Separations and Separated Days by Hospital Services Classification, by Length of Stay and Age Group (Newborns Excluded),

1987/88

Length of Stay	Under 70		70 and Over		Combined		Percent Distribution of Combined		Average Length of Stay (Days)
	Separations	Days	Separations	Days	Separations	Days	Separations	Days	
General Hospitals									
1-10	105,859	388,452	24,328	115,589	130,187	504,041	81.5	32.0	
11-14	5,753	70,704	4,148	51,412	9,901	122,116	6.2	7.7	
15-19	3,320	55,392	2,947	49,400	6,267	104,792	3.9	6.7	
20-29	2,803	66,428	2,859	67,854	5,662	134,282	3.5	8.5	
30-59	2,178	87,447	2,496	101,467	4,674	188,914	2.9	12.0	
60 +	1,081	142,813	2,034	378,766	3,115	521,579	1.9	33.1	
Total	120,994	811,236	38,812	764,488	159,806	1,575,724	100.0	100.0	9.9
Extended Treatment Hospitals									
1-10	170	1,082	251	1,516	421	2,598	28.8	1.8	
11-14	41	537	79	1,022	120	1,559	8.2	1.1	
15-19	40	675	44	747	84	1,422	5.7	1.0	
20-29	87	2,089	88	2,106	175	4,195	12.0	2.9	
30-59	71	3,075	137	5,903	208	8,978	14.2	6.3	
60 +	137	36,973	317	87,750	454	124,723	31.1	86.9	
Total	546	44,431	916	99,044	1,462	143,475	100.0	100.0	98.1
Other Hospitals									
1-10	1,430	1,438	133	140	1,563	1,578	100.0	100.0	
11-14	-	-	-	-	-	-	-	-	
15-19	-	-	-	-	-	-	-	-	
20-29	-	-	-	-	-	-	-	-	
30-59	-	-	-	-	-	-	-	-	
60 +	-	-	-	-	-	-	-	-	
Total	1,430	1,438	133	140	1,563	1,578	100.0	100.0	1.0
Specialty Hospitals									
1-10	43	200	***	***	43	200	51.8	10.1	
11-14	11	133	***	***	11	133	13.3	6.7	
15-19	7	112	***	***	7	112	8.4	5.7	
20-29	7	174	***	***	7	174	8.4	8.8	
30-59	7	325	***	***	7	325	8.4	16.5	
60 +	8	1,028	***	***	8	1,028	9.6	52.1	
Total	83	1,972	***	***	83	1,972	100.0	100.0	23.8
Out-of-Province Hospitals									
1-10	2,487	8,522	508	2,191	2,995	10,713	83.5	42.7	
11-14	141	1,719	70	858	211	2,577	5.9	10.3	
15-19	76	1,278	43	733	119	2,011	3.3	8.0	
20-29	89	2,151	44	1,061	133	3,212	3.7	12.8	
30-59	71	2,761	29	1,111	100	3,872	2.8	15.4	
60 +	22	1,880	8	844	30	2,724	0.8	10.8	
Total	2,886	18,311	702	6,798	3,588	25,109	100.0	100.0	7.0
All Hospitals Combined									
1-10	109,989	399,694	25,220	119,436	135,209	519,130	81.2	29.7	
11-14	5,946	73,093	4,297	53,292	10,243	126,385	6.2	7.2	
15-19	3,443	57,457	3,034	50,880	6,477	108,337	3.9	6.2	
20-29	2,986	70,842	2,991	71,021	5,977	141,863	3.6	8.1	
30-59	2,327	93,608	2,662	108,481	4,989	202,089	3.0	11.6	
60 +	1,248	182,694	2,359	467,360	3,607	650,054	2.2	37.2	
Total	125,939	877,388	40,563	870,470	166,502	1,747,858	100.0	100.0	10.5

Figure 1
Percent Distribution of Separations and Separated Days by Length of Stay,
1987/88

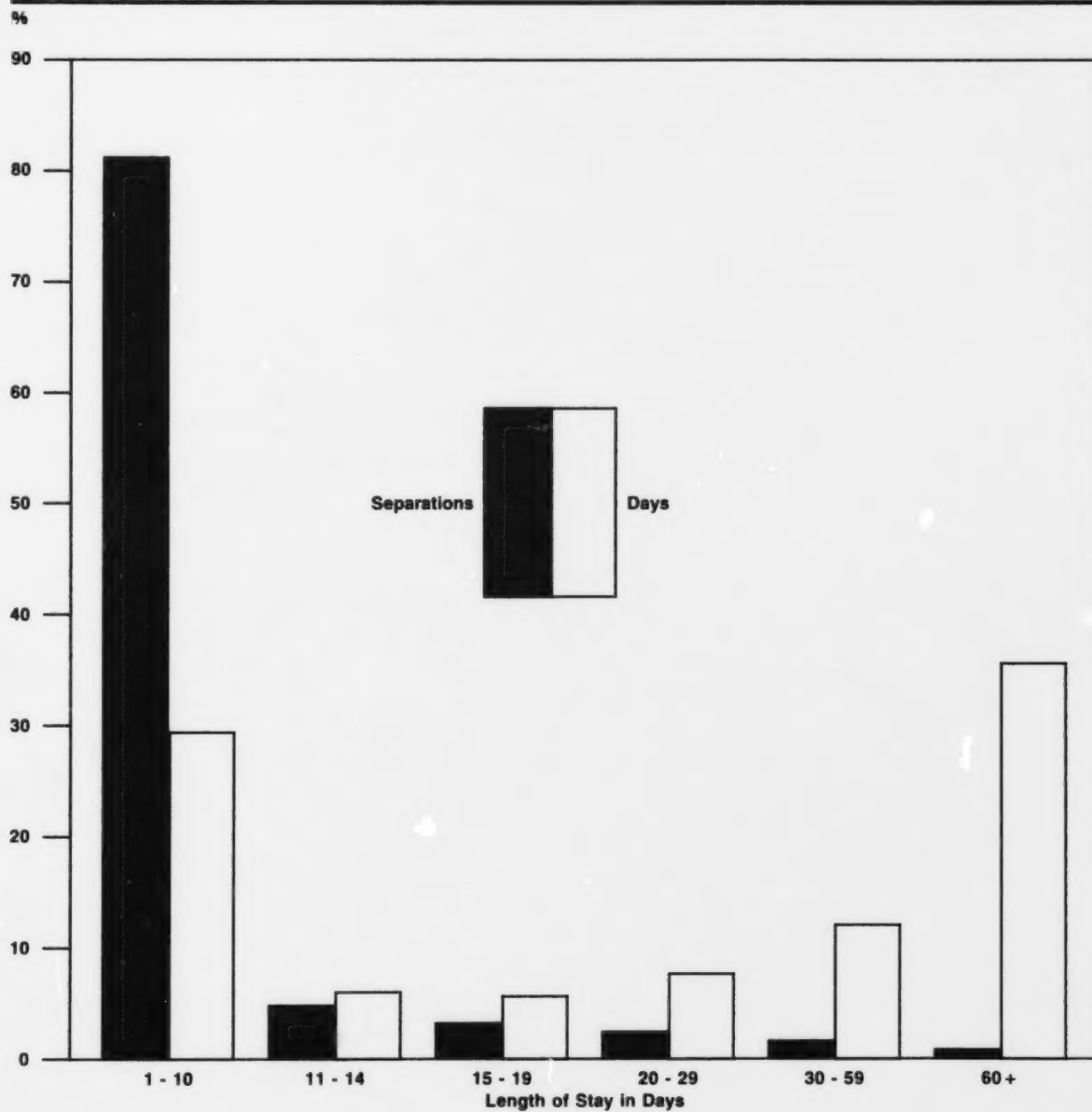


Table 5

Hospitalization by Age Group and Sex for Manitoba Residents, 1987/88

Age Group	Number			Rate per 1,000 Population		Average Length of Stay (Days)	Percent Distribution		
	Population	Separations	Separated Days	Separations	Separated Days		Population	Separations	Separated Days
Male									
Newborn	***	8,444	41,376	15	75	4.9	***	11.4	5.4
Under 1	8,844	3,067	16,907	347	1,912	5.5	1.6	4.1	2.2
1- 4	35,084	3,762	14,725	107	420	3.9	6.3	5.1	1.9
5- 9	42,229	2,462	8,165	58	193	3.3	7.6	3.3	1.1
10-14	42,556	2,062	10,178	48	239	4.9	7.7	2.8	1.3
15-19	44,338	2,478	15,100	56	341	6.1	8.0	3.3	2.0
20-24	49,016	2,847	19,655	58	401	6.9	8.8	3.8	2.6
25-29	51,988	2,856	18,809	55	362	6.6	9.4	3.9	2.5
30-34	47,529	2,537	18,412	53	387	7.3	8.6	3.4	2.4
35-39	41,646	2,499	18,012	60	433	7.2	7.5	3.4	2.4
40-44	34,245	2,556	17,766	75	519	7.0	6.2	3.5	2.3
45-49	26,909	2,513	20,792	93	773	8.3	4.8	3.4	2.7
50-54	24,618	2,984	25,195	121	1,023	8.4	4.4	4.0	3.3
55-59	24,254	3,810	41,075	157	1,694	10.8	4.4	5.1	5.4
60-64	23,109	4,707	49,752	204	2,153	10.6	4.2	6.4	6.5
65-69	20,049	5,617	70,115	280	3,497	12.5	3.6	7.6	9.2
70-74	16,528	6,055	95,170	366	5,758	15.7	3.0	8.2	12.5
75-79	11,225	5,666	101,740	505	9,064	18.0	2.0	7.7	13.3
80-84	6,535	4,098	88,318	627	13,515	21.6	1.2	5.5	11.6
85 +	4,246	3,001	73,143	707	17,226	24.4	0.8	4.1	9.6
Total	554,948	74,021	764,405	133	1,377	10.3	100.0	100.0	100.0
Female									
Newborn	***	8,228	36,835	15	65	4.5	***	8.1	3.7
Under 1	8,372	2,074	11,267	248	1,346	5.4	1.5	2.0	1.1
1- 4	33,262	2,687	11,247	81	338	4.2	5.9	2.7	1.1
5- 9	39,934	1,809	6,436	45	161	3.6	7.1	1.8	0.6
10-14	40,210	1,927	8,359	48	208	4.3	7.1	1.9	0.8
15-19	42,727	5,611	24,326	131	569	4.3	7.5	5.5	2.4
20-24	48,788	9,978	41,738	205	855	4.2	8.6	9.8	4.1
25-29	50,393	12,280	51,989	244	1,032	4.2	8.9	12.1	5.2
30-34	46,831	8,608	43,533	184	930	5.1	8.3	8.5	4.3
35-39	41,152	5,010	29,936	122	727	6.0	7.3	4.9	3.0
40-44	33,405	3,442	24,410	103	731	7.1	5.9	3.4	2.4
45-49	26,655	3,007	25,655	113	962	8.5	4.7	3.0	2.5
50-54	24,316	3,051	29,365	125	1,208	9.6	4.3	3.0	2.9
55-59	25,137	3,542	37,819	141	1,505	10.7	4.4	3.5	3.8
60-64	25,897	4,193	50,890	162	1,965	12.1	4.6	4.1	5.1
65-69	23,888	5,037	71,874	211	3,009	14.3	4.2	5.0	7.1
70-74	20,586	5,587	96,038	271	4,665	17.2	3.6	5.5	9.5
75-79	15,382	5,747	118,316	374	7,692	20.6	2.7	5.7	11.7
80-84	10,322	4,808	121,239	466	11,746	25.2	1.8	4.7	12.0
85 +	8,923	4,714	166,352	528	18,643	35.3	1.6	4.7	16.5
Total	566,180	101,340	1,007,624	179	1,780	9.9	100.0	100.0	100.0

Figure 2A

Separations per 1,000 Population by Age Group and Sex,
1987/88

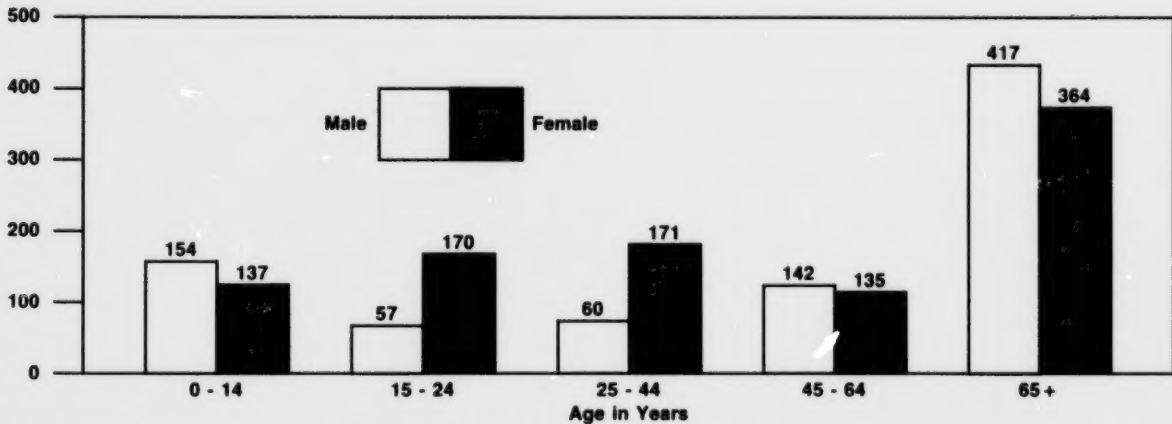


Figure 2B

Separated Days per 1,000 Population by Age Group and Sex,
1987/88

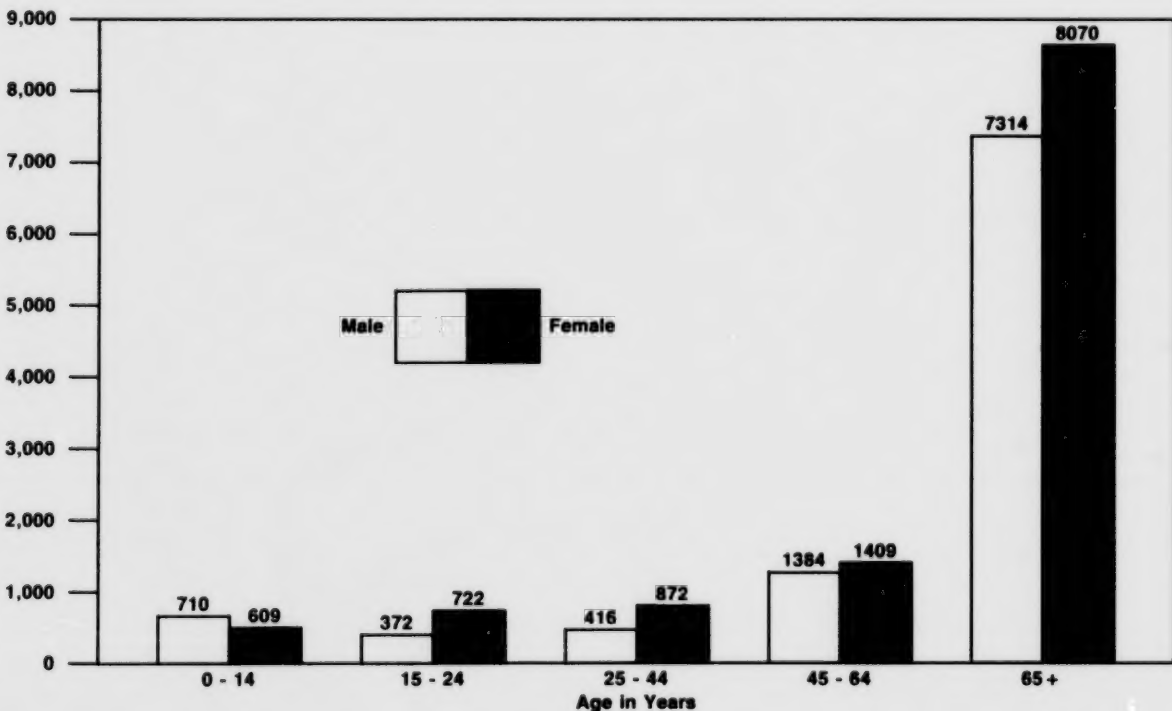


Table 6

Separations, Separated Days, and Corresponding Rates by Residence for All Persons Hospitalized in the Province,

1987/88

Residence	Number				Rate per 1,000 Population			
	Separations		Separated Days		Separations		Separated Days	
	Adult and Child	Newborn	Adult and Child	Newborn	Adult and Child	Newborn	Adult and Child	Newborn
Incorporated Cities, Towns and Villages with Population:								
100,000 and Over	30,528	3,492	467,413	17,662	125	14	1,918	72
30,000 - 99,999	43,162	5,646	540,894	25,982	104	14	1,303	63
10,000 - 29,999	4,048	409	32,945	1,873	147	15	1,192	68
5,000 - 9,999	9,566	817	96,718	4,135	172	15	1,737	74
2,500 - 4,999	5,629	380	57,942	1,889	191	13	1,963	64
1,000 - 2,499	7,082	449	69,449	1,883	206	13	2,025	55
Under 1,000	6,631	306	69,697	1,479	259	12	2,725	58
Unincorporated Places and Rural Areas								
Status Indians	16,869	1,829	90,575	8,653	319	35	1,715	164
Non-Residents	7,813	835	54,040	4,262	-	-	-	-
Total	166,502	17,507	1,747,858	82,473	148	16	1,559	74

Table 7

Rated Beds, Separations, and Separated Days per 1,000 Population (Newborns Excluded),

1980/81-1987/88

Year	Rated Beds	Separations ¹	Separated Days ¹
1980/81	6.3	141	1,671
1981/82	6.4	148	1,720
1982/83	6.2	149	1,663
1983/84	6.1	149	1,559
1984/85	6.0	147	1,575
1985/86	5.9	144	1,610
1986/87	5.9	145	1,616
1987/88	5.7	148	1,559

¹ Figures are revised from those in reports prior to the 1983/84 report.

Figure 3

Separations and Separated Days per 1,000 Population,

1980/81-1987/88

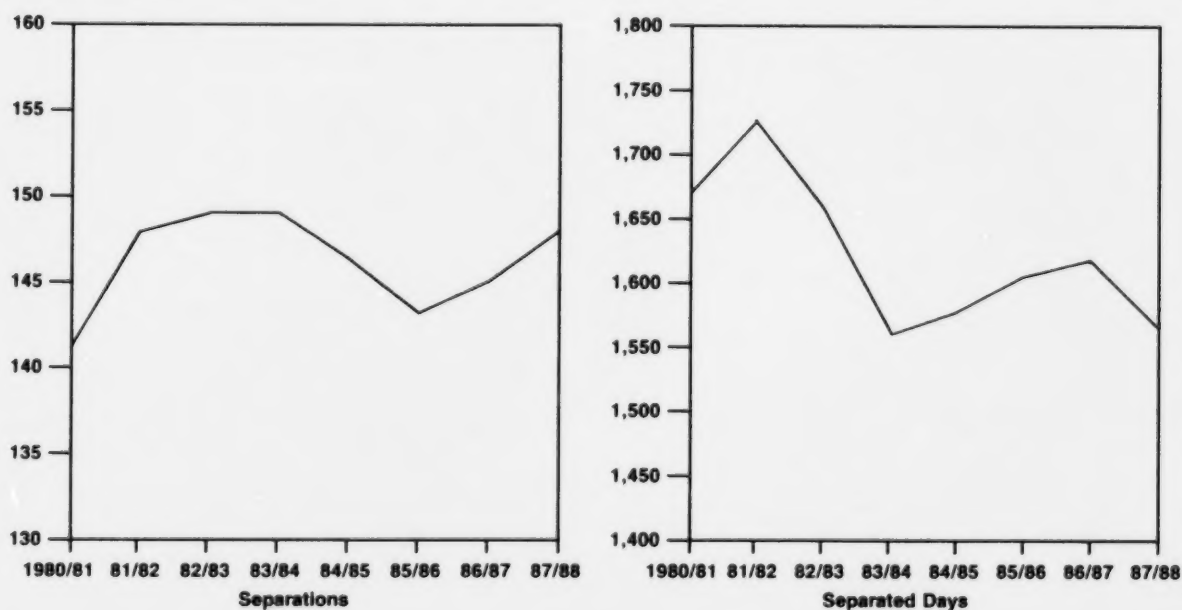


Table 8

Separations and Separated Days Incurred in Hospitals Outside of Manitoba and Non-Resident In-Patient Care in Manitoba Hospitals,

1982/83-1987/88

Location of Hospital	Separations	Separated Days	Average Length of Stay (Days)
Canada			
1982/83	2,651	17,321	6.5
1983/84	2,661	17,609	6.6
1984/85	2,621	17,209	6.6
1985/86	2,884	20,452	7.1
1986/87	2,778	19,235	6.9
1987/88	2,844	19,752	6.9
United States			
1982/83	799	6,296	7.9
1983/84	840	5,760	6.9
1984/85	703	5,142	7.3
1985/86	623	3,831	6.1
1986/87	576	4,594	8.0
1987/88	602	4,359	7.2
Other Countries			
1982/83	111	927	8.4
1983/84	129	902	7.0
1984/85	140	1,037	7.4
1985/86	163	1,202	7.4
1986/87	129	797	6.2
1987/88	142	998	7.0
All Hospitals			
1982/83	3,561	24,544	6.9
1983/84	3,630	24,271	6.7
1984/85	3,464	23,388	6.8
1985/86	3,670	25,485	6.9
1986/87	3,483	24,626	7.1
1987/88	3,588	25,109	7.0
Non-Resident In-Patient Care in Manitoba Hospitals			
1982/83	8,565	72,074	8.4
1983/84	8,348	61,995	7.4
1984/85	8,160	60,874	7.5
1985/86	8,171	59,495	7.3
1986/87	8,016	58,327	7.3
1987/88	7,783	53,845	6.9

Table 9

Separations and Separated Days by Hospital Services Classification and Age Group, 1987/88

Age Group	Hospital Classification					Total
	General	Specialty	Extended Treatment	Other	Out-of-Province	
A. Separations - Number						
Newborn	17,276	...	...	21	210	17,507
Under 1	5,320	6	-	169	135	5,630
1- 4	6,544	15	-	204	142	6,905
5-14	8,376	41	44	121	184	8,766
15-24	21,412	21	67	401	568	22,469
25-44	40,734	...	32	331	877	41,974
45-64	28,026	...	213	162	726	29,127
65-69	10,582	...	190	42	254	11,068
70-74	11,485	...	213	37	283	12,018
75 +	27,327	...	703	96	419	28,545
Total	177,082	83	1,462	1,584	3,798	184,009
B. Separations - Percent Distribution						
Newborn	9.8	...	...	1.3	5.5	9.5
Under 1	3.0	7.2	-	10.7	3.6	3.1
1- 4	3.7	18.1	-	12.9	3.7	3.8
5-14	4.7	49.4	3.0	7.6	4.8	4.8
15-24	12.1	25.3	4.6	25.3	15.0	12.2
25-44	23.0	...	2.2	20.9	23.1	22.8
45-64	15.8	...	14.6	10.2	19.1	15.8
65-69	6.0	...	13.0	2.7	6.7	6.0
70-74	6.5	...	14.6	2.3	7.5	6.5
75 +	15.4	...	48.1	6.1	11.0	15.5
Total	100.0	100.0	100.0	100.0	100.0	100.0
C. Days - Number						
Newborn	81,509	...	...	26	938	82,473
Under 1	31,633	40	-	169	797	32,639
1- 4	26,617	607	-	204	733	28,161
5-14	31,018	615	2,431	121	1,400	35,585
15-24	98,097	710	5,315	408	2,538	107,068
25-44	226,888	...	3,113	332	5,442	235,775
45-64	266,937	...	19,015	162	5,227	291,341
65-69	130,046	...	14,557	42	2,174	146,819
70-74	171,279	...	21,624	37	2,607	195,547
75 +	593,209	...	77,420	103	4,191	674,923
Total	1,657,233	1,972	143,475	1,604	26,047	1,830,331
D. Days - Percent Distribution						
Newborn	4.9	...	...	1.6	3.6	4.5
Under 1	1.9	2.0	-	10.5	3.1	1.8
1- 4	1.6	30.8	-	12.7	2.8	1.5
5-14	1.9	31.2	1.7	7.5	5.4	1.9
15-24	5.9	36.0	3.7	25.4	9.7	5.8
25-44	13.7	...	2.2	20.7	20.9	12.9
45-64	16.1	...	13.3	10.1	20.1	15.9
65-69	7.8	...	10.1	2.6	8.3	8.0
70-74	10.3	...	15.1	2.3	10.0	10.7
75 +	35.8	...	54.0	6.4	16.1	36.9
Total	100.0	100.0	100.0	100.0	100.0	100.0
E. Average Length of Stay (Days)						
Newborn	4.7	...	...	1.2	4.5	4.7
Under 1	5.9	6.7	-	1.0	5.9	5.8
1- 4	4.1	40.5	-	1.0	5.2	4.1
5-14	3.7	15.0	55.3	1.0	7.6	4.1
15-24	4.6	33.8	79.3	1.0	4.5	4.8
25-44	5.6	...	97.3	1.0	6.2	5.6
45-64	9.5	...	89.3	1.0	7.2	10.0
65-69	12.3	...	76.6	1.0	8.6	13.3
70-74	14.9	...	101.5	1.0	9.2	16.3
75 +	21.7	...	110.1	1.1	10.0	23.6
Total	9.4	23.8	98.1	1.0	6.9	9.9

Table 10

Separations and Separated Days by Diagnostic Classification/Category and Sex for All Persons Hospitalized in the Province (Newborns Included),

1987/88

List No.	Diagnostic Classification/ Category	Separations						Separated Days					
		Number			% of Total			Number			% of Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
I Infectious and Parasitic Diseases		2,052	1,004	1,048	1.1	1.3	1.0	18,280	8,510	9,770	1.0	1.1	0.9
1.	Intestinal infectious diseases	522	259	263	0.3	0.3	0.2	3,067	1,749	1,318	0.2	0.2	0.1
2.	Tuberculosis	130	66	64	0.1	0.1	0.1	3,468	1,959	1,509	0.2	0.2	0.1
3.	Zoonotic bacterial disease	2	1	1	--	--	--	6	5	1	--	--	--
4.	Other bacterial diseases	346	180	166	0.2	0.2	0.2	3,509	1,658	1,851	0.2	0.2	0.2
5.	Poliomyelitis and other viral diseases of cent. nerv. system	54	30	24	--	--	--	322	144	178	--	--	--
6.	Viral diseases with exanthem	310	133	177	0.2	0.2	0.2	2,526	807	1,719	0.1	0.1	0.2
7.	Viral diseases arthropodborne	-	-	-	-	-	-	-	-	-	-	-	-
8.	Other diseases due to viruses	394	189	205	0.2	0.2	0.2	1,545	726	819	0.1	0.1	0.1
9.	Rickettsiosis and other arthropod diseases	13	7	6	--	--	--	67	20	47	--	--	--
10.	Syphilis and other venereal diseases	51	17	34	--	--	--	296	131	165	--	--	--
11.	Other spirochetal diseases	4	4	-	--	--	-	13	13	-	--	--	--
12.	Mycoses	67	35	32	--	--	--	642	376	266	--	--	--
13.	Helminthiasis	10	6	4	--	--	--	66	36	30	--	--	--
14.	Other infectious and parasitic diseases	121	57	64	0.1	0.1	0.1	870	474	396	--	0.1	--
15.	Late effects of infectious and parasitic diseases	17	9	8	--	--	--	1,726	255	1,471	0.1	--	--
118.	Human Immuno-Deficiency Virus	11	11	-	--	--	-	157	157	-	--	--	--
II Neoplasms		10,559	4,925	5,634	5.7	6.3	5.3	171,543	83,118	88,425	9.4	10.5	8.5
16.	Malignant neoplasm of lip, oral cavity and pharynx	198	131	67	0.1	0.2	0.1	3,514	2,441	1,073	0.2	0.3	0.1
17.	Malignant neoplasm of digestive organs	1,676	903	773	0.9	1.2	0.7	34,550	17,074	17,476	1.9	2.2	1.7
18.	Malignant neoplasm of respiratory organs	1,456	1,010	446	0.8	1.3	0.4	27,298	19,683	7,615	1.5	2.5	0.7
19.	Malignant neoplasm of bone, conn. tissue, skin, breast	945	132	813	0.5	0.2	0.8	12,942	1,568	11,374	0.7	0.2	1.1
20.	Malignant neoplasm of genitourinary organs	1,973	1,226	747	1.1	1.6	0.7	31,566	19,084	12,482	1.7	2.4	1.2
21.	Malignant neoplasm of other and unspecified sites	1,396	625	771	0.8	0.8	0.7	28,016	10,609	17,407	1.5	1.3	1.7
22.	Malignant neoplasm of lymph. and hematop. tissue	770	412	358	0.4	0.5	0.3	16,465	7,713	8,752	0.9	1.0	0.8
23.	Benign neoplasms	1,481	292	1,189	0.8	0.4	1.1	11,350	2,790	8,560	0.6	0.4	0.8
24.	Carcinoma in situ	388	74	314	0.2	0.1	0.3	3,071	1,005	2,066	0.2	0.1	0.2
25.	Neoplasms of uncert. behaviour	169	71	98	0.1	0.1	0.1	1,886	785	1,100	0.1	0.1	0.1
26.	Neoplasms of unspecified nature	107	49	58	0.1	0.1	0.1	885	365	520	--	--	0.1
III Endocrine, Nutri. and Metabolic Diseases, Immun. Disorders		3,081	1,273	1,808	1.7	1.6	1.7	39,488	16,259	23,229	2.2	2.0	2.2
27.	Disorders of thyroid gland	179	36	143	0.1	--	0.1	1,333	417	916	0.1	0.1	0.1
28.	Disorders of other endocrine glands	2,068	905	1,163	1.1	1.2	1.1	28,319	12,369	15,950	1.5	1.6	1.5
29.	Nutritional deficiencies	45	20	25	--	--	--	1,409	658	751	0.1	0.1	0.1
30.	Other metabolic and immunity disorders	789	312	477	0.4	0.4	0.4	8,427	2,815	5,612	0.5	0.4	0.5
IV Diseases of Blood and Blood Forming Organs		1,021	469	552	0.6	0.6	0.5	12,132	4,774	7,358	0.7	0.6	0.7
31.	Diseases of blood and blood forming organs	1,021	469	552	0.6	0.6	0.5	12,132	4,774	7,358	0.7	0.6	0.7
V Mental Disorders		6,807	3,113	3,694	3.7	4.0	3.5	185,741	70,785	114,956	10.1	8.9	11.1
32.	Organic psychotic conditions	1,229	761	468	0.7	1.0	0.4	53,094	21,573	31,521	2.9	2.7	3.0
33.	Other psychoses	2,488	1,036	1,452	1.4	1.3	1.4	87,389	33,603	53,786	4.8	4.2	5.2
34.	Neurotic personality and non-psychotic mental disorders	3,072	1,308	1,764	1.7	1.7	1.7	44,972	15,428	29,544	2.5	1.9	2.9
35.	Mental retardation	18	8	10	--	--	--	286	181	105	--	--	--

Table 10 (Continued)

Separations and Separated Days by Diagnostic Classification/Category and Sex for All Persons Hospitalized in the Province (Newborns Included),

1987/88

List No.	Diagnostic Classification/ Category	Separations						Separated Days					
		Number			% of Total			Number			% of Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
VI Diseases of the Nervous System and Sense Organs		6,783	3,060	3,723	3.7	3.9	3.5	112,251	51,465	60,786	6.1	6.5	5.9
36.	Inflammatory diseases of central nervous system	120	57	63	0.1	0.1	0.1	2,255	733	1,522	0.1	0.1	0.1
37.	Hereditary and degen. diseases of central nervous system	566	294	272	0.3	0.4	0.3	38,185	18,195	19,990	2.1	2.3	1.9
38.	Other disorders of central nervous system	1,292	589	703	0.7	0.8	0.7	52,515	23,611	28,904	2.9	3.0	2.8
39.	Disorders of peripheral nervous system	455	192	263	0.2	0.2	0.2	4,821	2,217	2,604	0.3	0.3	0.3
40.	Disorders of eye and adnexa	2,983	1,250	1,733	1.6	1.6	1.6	9,844	4,493	5,351	0.5	0.6	0.5
41.	Diseases of ear and mastoid process	1,367	678	689	0.7	0.9	0.6	4,631	2,216	2,415	0.3	0.3	0.2
VII Diseases of the Circulatory System		18,439	10,072	8,367	10.0	12.9	7.9	289,798	139,124	150,674	15.8	17.5	14.5
42.	Acute rheumatic fever	18	9	9	--	--	--	126	68	58	--	--	--
43.	Chronic rheumatic heart disease	121	41	80	0.1	0.1	0.1	1,910	587	1,323	0.1	0.1	0.1
44.	Hypertensive disease	780	296	484	0.4	0.4	0.5	7,155	2,782	4,373	0.4	0.4	0.4
45.	Ischemic heart disease	6,734	4,119	2,615	3.7	5.3	2.5	72,009	37,721	34,288	3.9	4.8	3.3
46.	Diseases of pulmonary circulation	214	128	86	0.1	0.2	0.1	2,964	1,627	1,337	0.2	0.2	0.1
47.	Other forms of heart disease	4,817	2,487	2,330	2.6	3.2	2.2	60,989	30,115	30,874	3.3	3.8	3.0
48.	Cerebrovascular disease	2,871	1,452	1,419	1.6	1.9	1.3	108,888	46,923	61,965	5.9	5.9	6.0
49.	Diseases of arteries, arterioles	1,128	724	404	0.6	0.9	0.4	18,991	12,187	6,804	1.0	1.5	0.7
50.	Diseases of veins and lymphatics	1,756	816	940	1.0	1.0	0.9	16,766	7,114	9,652	0.9	0.5	0.9
VIII Diseases of the Respiratory System		18,402	10,141	8,261	10.0	13.0	7.8	138,544	78,695	59,849	7.6	9.9	5.8
51.	Acute respiratory infections	3,654	2,055	1,599	2.0	2.6	1.5	15,685	8,689	6,996	0.9	1.1	0.7
52.	Other diseases of upper respiratory tract	4,127	2,159	1,968	2.2	2.8	1.9	8,596	4,513	4,083	0.5	0.6	0.4
53.	Pneumonia and influenza	4,305	2,383	1,922	2.3	3.1	1.8	45,860	25,594	20,266	2.5	3.2	2.0
54.	Chronic obstructive pulmonary disease	5,093	2,873	2,220	2.8	3.7	2.1	54,269	31,820	22,449	3.0	4.0	2.2
55.	Pneumoconioses and other lung diseases	105	68	37	0.1	0.1	--	3,025	2,373	652	0.2	0.3	0.1
56.	Other diseases of respiratory system	1,118	603	515	0.6	0.8	0.5	11,109	5,706	5,403	0.6	0.7	0.5
IX Diseases of the Digestive System		18,444	9,357	9,087	10.0	12.0	8.6	136,508	62,992	73,516	7.5	7.9	7.1
57.	Diseases of oral cavity and salivary glands	1,258	556	702	0.7	0.7	0.7	3,625	1,588	2,037	0.2	0.2	0.2
58.	Diseases of esophagus, stomach	2,246	1,248	998	1.2	1.6	0.9	18,022	9,130	8,892	1.0	1.2	0.9
59.	Appendicitis	1,399	797	602	0.8	1.0	0.6	7,438	4,147	3,291	0.4	0.5	0.3
60.	Hernia and abdominal cavity	2,978	2,318	660	1.6	3.0	0.6	16,570	11,272	5,298	0.9	1.4	0.5
61.	Noninfectious enteritis and colitis	2,705	1,212	1,493	1.5	1.6	1.4	16,358	7,043	9,315	0.9	0.9	0.9
62.	Other diseases of intestines and peritoneum	2,545	1,207	1,338	1.4	1.5	1.3	25,974	9,714	16,260	1.4	1.2	1.6
63.	Other diseases of digestive system	5,313	2,019	3,294	2.9	2.6	3.1	48,521	20,098	28,423	2.7	2.5	2.7
X Diseases of the Genitourinary System		11,097	4,176	6,921	6.0	5.4	6.5	76,951	33,874	43,077	4.2	4.3	4.2
64.	Nephritis, nephrotic syndrome, and nephrosis	563	298	265	0.3	0.4	0.2	12,066	5,527	6,539	0.7	0.7	0.6
65.	Other diseases of urinary system	3,409	1,714	1,695	1.9	2.2	1.6	23,039	11,859	11,180	1.3	1.5	1.1
66.	Diseases of male organs	2,125	2,125	---	1.2	2.7	---	16,386	16,386	---	0.9	2.1	---
67.	Disorders of breast	417	39	378	0.2	--	0.4	1,354	102	1,252	0.1	--	0.1
68.	Inflammatory diseases of female pelvic organs	817	---	817	0.4	---	0.8	3,652	---	3,652	0.2	---	0.4
69.	Other disorders of female genital tract	3,766	---	3,766	2.0	---	3.6	20,454	---	20,454	1.1	---	2.0

Table 10 (Continued)

Separations and Separated Days by Diagnostic Classification/Category and Sex for All Persons Hospitalized in the Province (Newborns Included),

1987/88

List No.	Diagnostic Classification/ Category	Separations						Separated Days					
		Number			% of Total			Number			% of Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
XI Complications of Pregnancy, Childbirth, and the Puerperium													
		26,219	***	26,219	14.2	***	24.7	95,791	***	95,791	5.2	***	9.2
70	Ectopic and molar pregnancy	540	***	540	0.3	***	0.5	1,797	***	1,797	0.1	***	0.2
71	Other pregnancy with abortive outcome	1,780	***	1,780	1.0	***	1.7	2,962	***	2,962	0.2	***	0.3
72	Complications mainly related to pregnancy	7,741	***	7,741	4.2	***	7.3	24,283	***	24,283	1.3	***	2.3
73	Normal delivery, care in pregnancy	10,243	***	10,243	5.6	***	9.7	43,225	***	43,225	2.4	***	4.2
74	Complications occurring in labor and delivery	5,695	***	5,695	3.1	***	5.4	22,397	***	22,397	1.2	***	2.2
75	Complications of the puerperium	220	***	220	0.1	***	0.2	1,127	***	1,127	0.1	***	0.1
XII Diseases of the Skin and Subcutaneous Tissue													
		2,482	1,291	1,191	1.3	1.7	1.1	25,447	11,570	13,877	1.4	1.5	1.3
76	Infections of skin and subcutaneous tissue	1,616	895	721	0.9	1.1	0.7	10,304	5,649	4,655	0.6	0.7	0.4
77	Other inflammatory conditions of skin	304	150	154	0.2	0.2	0.1	2,215	1,014	1,201	0.1	0.1	0.1
78	Other diseases of skin and subcutaneous tissue	562	246	316	0.3	0.3	0.3	12,928	4,907	8,021	0.7	0.6	0.8
XIII Diseases of the Musculoskeletal System and Connective Tissue													
		7,632	3,582	4,050	4.1	4.6	3.8	88,171	31,587	56,584	4.8	4.0	5.5
79	Arthropathies and related disorders	3,013	1,378	1,635	1.6	1.8	1.5	44,569	14,630	29,939	2.4	1.8	2.9
80	Dorsopathies	1,908	982	926	1.0	1.3	0.9	16,278	7,056	9,222	0.9	0.9	0.9
81	Rheumatism excluding the back	1,173	542	631	0.6	0.7	0.6	6,612	2,588	4,024	0.4	0.3	0.4
82	Osteopathies, chondropathies	1,538	680	858	0.8	0.9	0.8	20,712	7,313	13,399	1.1	0.9	1.3
XIV Congenital Anomalies													
		1,125	618	507	0.6	0.8	0.5	8,908	4,690	4,218	0.5	0.6	0.4
83	Congenital anomalies	1,125	618	507	0.6	0.8	0.5	8,908	4,690	4,218	0.5	0.6	0.4
XV Certain Conditions Originating in Perinatal Period													
		481	295	186	0.3	0.4	0.2	4,819	2,872	1,947	0.3	0.4	0.2
84	Maternal causes of perinatal morbidity	-	-	-	-	-	-	-	-	-	-	-	-
85	Other conditions originating in perinatal period	481	295	186	0.3	0.4	0.2	4,819	2,872	1,947	0.3	0.4	0.2
XVI Symptoms, Signs, and Ill-Defined Conditions													
		9,348	4,591	4,757	5.1	5.9	4.5	57,484	27,018	30,466	3.1	3.4	2.9
86	Symptoms	8,906	4,373	4,533	4.8	5.6	4.3	48,783	22,411	26,372	2.7	2.8	2.5
87	Nonspecific abnormal findings	151	72	79	0.1	0.1	0.1	838	383	455	..	..	..
88	Ill-defined, and unknown causes of morbidity, and mortality	291	146	145	0.2	0.2	0.1	7,863	4,224	3,639	0.4	0.5	0.4
XVII Injury and Poisoning													
		14,639	8,200	6,439	8.0	10.5	6.1	181,182	77,825	103,357	9.9	9.8	10.0
89	Fractures	5,594	2,834	2,760	3.0	3.6	2.6	113,472	40,032	73,440	6.2	5.0	7.1
90	Dislocations	466	333	133	0.3	0.4	0.1	2,117	1,472	645	0.1	0.2	0.1
91	Sprains and strains of joints and muscles	520	316	204	0.3	0.4	0.2	2,676	1,406	1,270	0.1	0.2	0.1
92	Intracranial injury excluding skull fracture	1,093	745	348	0.6	1.0	0.3	9,427	5,966	3,461	0.5	0.8	0.3
93	Internal injury of chest, abdomen, and pelvis	303	226	77	0.2	0.3	0.1	2,759	2,002	757	0.2	0.3	0.1
94	Open wound of head, neck, and trunk	537	385	152	0.3	0.5	0.1	2,256	1,473	785	0.1	0.2	0.1

Table 10 (Continued)

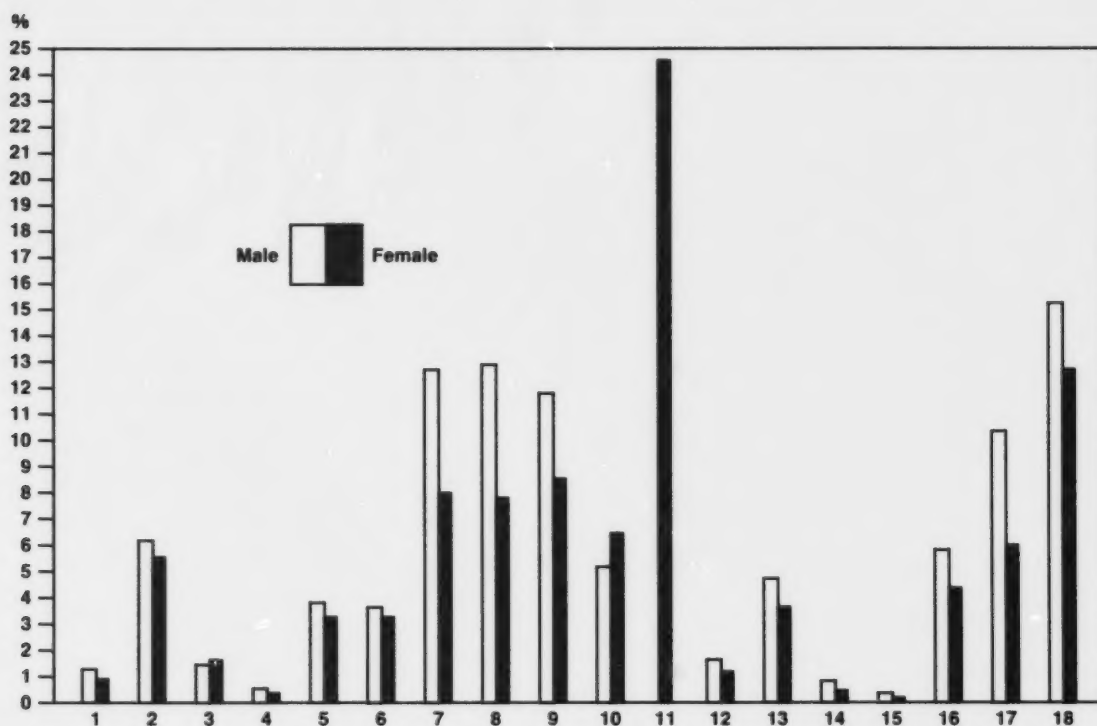
Separations and Separated Days by Diagnostic Classification/Category and Sex for All Persons Hospitalized in the Province (Newborns Included),

1987/88

List No.	Diagnostic Classification/ Category	Separations						Separated Days					
		Number			% of Total			Number			% of Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
XVII Injury and Poisoning (Continued)													
95. Open wound of upper limb		603	480	123	0.3	0.6	0.1	2,595	2,180	415	0.1	0.3	--
96. Open wound of lower limb		232	166	66	0.1	0.2	0.1	1,638	1,180	458	0.1	0.1	--
97. Injury to blood vessels		41	26	15	--	--	--	172	117	55	--	--	--
98. Late effects of injuries and poisonings		76	55	21	--	0.1	--	1,176	694	482	0.1	0.1	--
99. Superficial injury		114	71	43	0.1	0.1	--	630	356	274	--	--	--
100. Contusion with intact skin surface		639	345	294	0.3	0.4	0.3	4,280	1,292	2,988	0.2	0.2	0.3
101. Crushing injury		64	56	8	--	0.1	--	587	539	48	--	0.1	--
102. Effects of foreign body entering orifice		149	70	79	0.1	0.1	0.1	337	139	198	--	--	--
103. Burns		322	210	112	0.2	0.3	0.1	4,258	2,846	1,412	0.2	0.4	0.1
104. Injury to nerves and spinal cord		68	50	18	--	0.1	--	624	520	104	--	0.1	--
105. Traumatic complications and unspecified injuries		434	277	157	0.2	0.4	0.1	2,671	984	1,687	0.1	0.1	0.2
106. Poisoning by drugs, med. and biolog. substances		1,244	418	826	0.7	0.5	0.8	5,418	1,921	3,497	0.3	0.2	0.3
107. Toxic effects, non-medicinal		194	117	77	0.1	0.1	0.1	602	332	270	--	--	--
108. Other unspecified effects		321	171	150	0.2	0.2	0.1	2,212	1,167	1,045	0.1	0.1	0.1
109. Complications of surg. and med. care		1,625	849	776	0.9	1.1	0.7	21,273	11,207	10,066	1.2	1.4	1.0
XVIII Factors Influencing Health Status and Contact With Health Services													
		25,398	11,837	13,561	13.8	15.2	12.8	187,293	88,510	98,683	10.2	11.2	9.5
110. Health hazards - communicable diseases		19	15	4	--	--	--	99	77	22	--	--	--
111. Health hazards - personal and family history		59	28	31	--	--	--	348	168	180	--	--	--
112. Health service related to reproduction and development		1,735	180	1,555	0.9	0.2	1.5	4,574	601	3,973	0.2	0.1	0.4
113. Liveborn infants according to type of birth		17,507	8,873	8,634	9.5	11.4	8.1	82,473	43,385	38,988	4.5	5.5	3.8
114. Conditions influencing own health		61	30	31	--	--	--	1,135	481	654	0.1	0.1	0.1
115. Health services for specific procedures		2,879	1,123	1,756	1.6	1.4	1.7	34,733	16,128	18,605	1.9	2.0	1.8
116. Health services for other circumstances		2,803	1,423	1,380	1.5	1.8	1.3	59,364	25,062	34,302	3.2	3.2	3.3
117. Examination - no diagnosis		335	165	170	0.2	0.2	0.2	4,567	2,608	1,959	0.2	0.3	0.2
Total		184,009	78,004	106,005	100.0	100.0	100.0	1,830,331	793,768	1,036,563	100.0	100.0	100.0

Figure 4

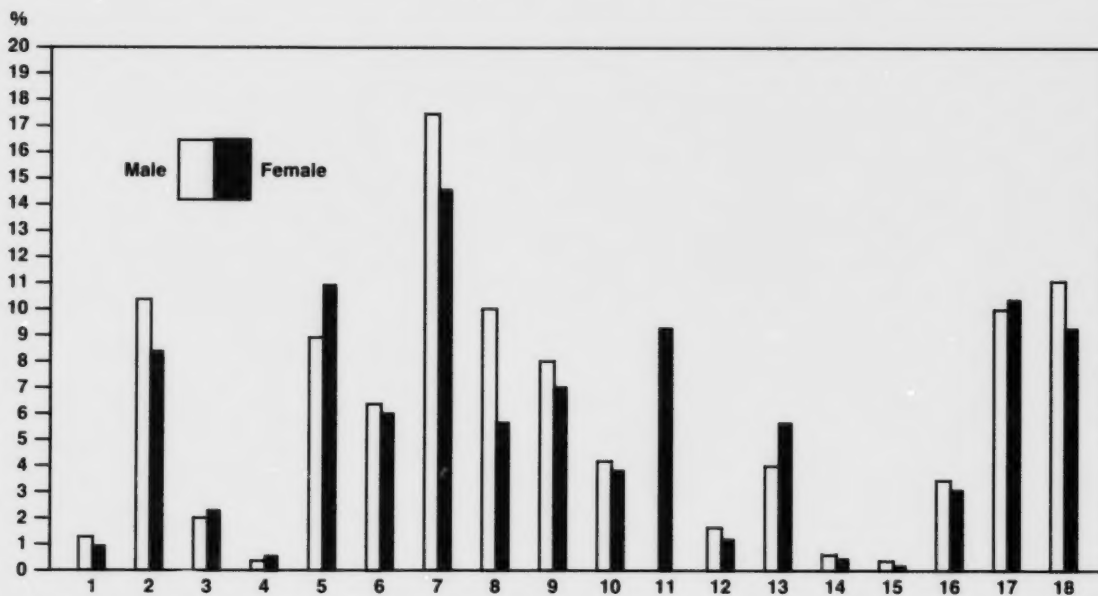
Percent Distribution of Separations by Diagnostic Classification, 1987/88



1. Infectious and Parasitic Diseases
2. Neoplasms
3. Endocrine, Metabolic Disorders
4. Diseases of Blood & Blood Forming Organs
5. Mental Disorders
6. Diseases of the Nervous System & Sense Organs
7. Diseases of the Circulatory System
8. Diseases of the Respiratory System
9. Diseases of the Digestive System
10. Diseases of the Genitourinary System
11. Pregnancy, Childbirth, Puerperium
12. Diseases of the Skin & Subcutaneous Tissue
13. Diseases of the Musculoskeletal System
14. Congenital Anomalies
15. Conditions Originating in the Perinatal Period
16. Symptoms, Signs, Ill-defined Conditions
17. Injury, Poisoning
18. Factors Influencing Health Status

Figure 5

Percent Distribution of Separated Days by Diagnostic Classification, 1987/88



1. Infectious and Parasitic Diseases
2. Neoplasms
3. Endocrine, Metabolic Disorders
4. Diseases of Blood & Blood Forming Organs
5. Mental Disorders
6. Diseases of the Nervous System & Sense Organs
7. Diseases of the Circulatory System
8. Diseases of the Respiratory System
9. Diseases of the Digestive System
10. Diseases of the Genitourinary System
11. Pregnancy, Childbirth, Puerperium
12. Diseases of the Skin & Subcutaneous Tissue
13. Diseases of the Musculoskeletal System
14. Congenital Anomalies
15. Conditions Originating in the Perinatal Period
16. Symptoms, Signs, Ill-defined Conditions
17. Injury, Poisoning
18. Factors Influencing Health Status

Table 11

**Separations and Separated Days by Leading Diagnostic Category,
1987/88**

List No.	Diagnostic Category	Separations			Separated Days			Average Length of Stay (Days)
		Number	% of Total	Rate Per 1,000 Population	Number	% of Total	Rate Per 1,000 Population	
73	Normal Delivery, Care in Pregnancy	10,243	5.6	9.1	43,225	2.4	38.6	4.2
86	Symptoms	8,906	4.8	7.9	48,783	2.7	43.5	5.5
72	Complications Mainly Related to Pregnancy	7,741	4.2	6.9	24,283	1.3	21.7	3.1
45	Ischemic Heart Disease	6,734	3.7	6.0	72,009	3.9	64.2	10.7
74	Complications Occurring in Labor and Delivery	5,695	3.1	5.1	22,397	1.2	20.0	3.9
89	Fractures	5,594	3.0	5.0	113,472	6.2	101.2	20.3
63	Other Diseases of Digestive System	5,313	2.9	4.7	48,521	2.7	43.3	9.1
54	Chronic Obstructive Pulmonary Disease	5,093	2.8	4.5	54,269	3.0	48.4	10.7
47	Other Forms of Heart Disease	4,817	2.6	4.3	60,989	3.3	54.4	12.7
53	Pneumonia and Influenza	4,305	2.3	3.8	45,860	2.5	40.9	10.7
52	Other Diseases of Upper Respiratory Tract	4,127	2.2	3.7	8,596	0.5	7.7	2.1
69	Other Disorders of Female Genital Tract	3,766	2.0	3.4	20,454	1.1	18.2	5.4

Table 12

Rated Bed Capacity, Set Up Beds, Patient Days, Occupancy Rates, and Average Length of Stay,

1987/88

Hospital		Rated Bed Capacity		Set Up Beds		Patient Days		Occupancy Rate (%)		Average Length of Stay (Days)	
Name	Ident. No.	Beds & Crib	Bassinets	Beds & Crib	Bassinets	Adult & Child	Newborn	Rated Beds	Set Up Beds	Adult & Child	Newborn
Active Treatment-Public General											
15 Beds and Under											
Benito	0108	9	-	9	-	2,167	-	65.8	65.8	15.0	-
Boissevain	0113	12	4	12	4	2,666	50	60.7	60.7	6.9	3.6
Cartwright	0117	10	3	10	3	3,038	-	83.0	83.0	30.1	-
Elkhorn	0127	8	-	10	-	3,123	-	106.7	85.3	79.8	-
Emerson	0131	12	-	12	-	3,105	-	70.7	70.7	13.8	-
Erickson	0129	14	4	14	4	3,760	-	73.4	73.4	8.3	-
Gillam	0136	5	-	5	-	1,420	11	29.5	29.5	4.5	2.8
Hartney	0142	9	-	9	-	3,083	-	93.6	93.6	103.9	-
Leaf Rapids	0155	8	3	8	3	624	12	21.3	21.3	3.8	3.0
Macgregor-North Norfolk	0156	6	-	6	-	1,461	-	66.5	66.5	14.0	-
Manitou-Pembina	0151	14	2	14	2	1,638	-	32.0	32.0	11.8	-
McCreary-Alonsa	0150	13	5	13	5	3,247	11	68.2	68.2	12.2	3.5
Melita-Wilson Memorial	0184	11	3	11	3	2,941	138	73.1	73.1	7.5	4.3
Notre Dame	0159	10	2	10	2	2,056	20	56.2	56.2	10.0	2.9
Rosburn	0167	10	2	10	2	1,717	-	46.9	46.9	4.1	-
St. Claude	0182	12	4	12	4	2,737	16	62.3	62.3	8.9	4.0
Snow Lake	0111	4	-	5	-	335	-	22.9	18.3	2.6	-
Vita	0181	11	-	11	-	2,947	-	73.2	73.2	0.9	-
Wawanesa	0186	9	2	9	2	2,647	54	80.4	80.4	13.1	3.9
Whitemouth	0185	6	-	6	-	1,853	-	75.7	75.7	12.9	-
Sub-Total		193	34	196	34	46,565	312	63.0	62.1	9.2	3.8
16-30 Beds											
Arborg	0103	16	3	16	3	3,132	195	53.5	53.5	6.2	3.5
Ashern-Lakeshore	0178	16	4	16	4	2,484	124	42.4	42.4	5.2	2.5
Baldur	0106	16	3	16	3	3,097	37	52.9	52.9	10.3	4.6
Beausejour	0107	30	5	30	5	9,556	75	87.0	87.0	10.7	3.0
Birtle	0171	19	4	19	4	3,758	25	54.0	54.0	7.3	3.1
Carberry-Fox Memorial	0135	29	7	29	7	6,518	80	61.4	61.4	18.4	3.8
Carman	0116	30	4	30	4	8,131	376	74.1	74.1	10.2	3.8
Crystal City-Rock Lake	0119	16	3	16	3	2,532	82	43.2	43.2	6.6	4.8
Deloraine	0123	18	5	20	5	4,748	128	72.1	64.9	6.9	4.4
Eriksdale-E.M. Crowe Memorial	0128	17	5	17	5	3,391	32	54.5	54.5	6.7	4.0
Gladstone-Seven Regions	0138	20	4	20	4	5,261	63	71.9	71.9	7.6	2.6
Glenboro	0139	14	1	14	1	2,704	24	52.8	52.8	12.3	3.4
Grandview	0140	18	4	18	4	3,457	64	52.5	52.5	6.2	3.6
Hamiota	0143	21	6	23	6	6,576	92	85.6	78.1	10.8	3.6
Killarney-Tri Lake H.C.	0148	26	5	26	5	7,016	244	73.7	73.7	7.1	4.3
Lynn Lake	0149	25	9	25	9	2,333	68	25.5	25.5	5.3	3.0
Pinawa	0163	17	6	20	6	2,665	122	42.8	36.4	5.8	5.1
Reston	0164	17	2	17	2	2,925	65	47.0	47.0	10.3	4.3
Rivers-Riverdale	0166	16	8	16	3	2,242	19	38.3	38.3	7.1	3.8
Roblin	0165	25	5	25	5	5,720	77	62.5	62.5	8.8	3.7
St. Anne	0179	21	3	21	3	5,806	253	75.5	75.5	9.2	3.5
St. Pierre-Desalaberry	0124	19	3	19	3	4,019	51	57.8	57.8	6.6	3.0
Shoal Lake	0174	23	4	23	4	4,385	37	52.1	52.1	10.9	2.8
Souris	0175	30	5	30	5	7,306	157	66.5	66.5	7.5	3.6
Stonewall-Dr. Evelyn Memorial	0176	18	6	18	6	5,686	39	86.3	86.3	12.1	3.3
Swan Lake-Lorne Memorial	0147	22	7	22	7	4,581	145	56.9	56.9	9.3	3.4
Teulon-Hunter Memorial	0144	20	4	20	4	4,976	184	68.0	68.0	5.6	4.4
Treherne-Tiger Hills Health District	0183	18	5	18	5	4,144	199	62.9	62.9	13.7	5.2
Winnipegosis	0118	18	6	18	6	4,367	14	66.3	66.3	7.1	3.5
Sub-Total		595	136	602	131	133,516	3,071	61.3	60.6	8.4	3.7

Table 12 (Continued)

Rated Bed Capacity, Set Up Beds, Patient Days, Occupancy Rates, and Average Length of Stay,

1987/88

Hospital		Rated Bed Capacity		Set Up Beds		Patient Days		Occupancy Rate (%)		Average Length of Stay (Days)	
Name	Ident. No.	Beds & Cribs	Bassinets	Beds & Cribs	Bassinets	Adult & Child	Newborn	Rated Beds	Set Up Beds	Adult & Child	Newborn
31-60 Beds											
Altona	0102	32	8	32	8	7,192	221	61.4	61.4	11.4	3.3
Churchill Health Centre	0130	31	8	31	8	5,000	328	44.1	44.1	4.0	3.3
Gimli-Johnson Memorial	0146	35	3	35	3	7,820	107	61.0	61.0	7.5	3.5
Minnedosa	0152	35	7	35	7	7,246	183	56.6	56.6	9.8	3.7
Morden	0153	48	8	48	8	9,295	909	52.9	52.9	6.6	5.0
Morris	0154	39	6	39	3	6,707	43	47.0	47.0	14.7	5.0
Neepawa	0158	38	6	38	6	11,251	246	80.9	80.9	7.7	3.8
Pine Falls	0161	35	5	35	5	6,637	247	51.3	51.3	4.3	3.5
Russell	0169	38	6	38	6	7,721	225	55.5	55.5	7.0	3.9
Virden	0180	32	8	33	8	6,415	237	54.8	53.1	7.2	4.0
Winkler-Bethel	0109	57	12	57	12	12,797	831	61.3	61.3	8.4	4.2
Sub-Total		420	77	421	74	88,081	3,577	57.3	57.1	7.5	4.1
61-125 Beds											
Dauphin	0122	105	12	104	12	25,632	1,001	66.7	67.3	7.2	3.9
Flin Flon	0134	100	20	100	12	23,350	1,053	63.8	63.8	5.5	3.9
Portage General	0162	104	16	104	16	25,324	1,664	66.5	66.5	5.3	4.0
Ste. Rose	0172	68	7	68	7	15,183	171	61.0	61.0	8.1	3.5
Selkirk	0173	75	9	75	9	17,851	685	65.0	65.0	8.3	4.1
Steinbach-Bethesda	0110	65	7	60	7	13,340	555	56.1	60.7	7.1	3.6
Swan River	0177	68	15	68	15	18,020	895	72.4	72.4	6.4	4.5
The Pas-St. Anthony's	0170	84	18	83	18	17,294	1,203	56.3	56.9	4.6	4.2
Thompson	0187	100	17	100	15	26,262	3,376	71.8	71.8	5.5	4.5
Sub-Total		769	121	762	111	182,256	10,603	64.8	65.4	6.2	4.2
Over 125 Beds											
Brandon	0001	279	24	279	24	68,440	4,669	67.0	67.0	7.5	3.5
Concordia	0009	136	-	136	-	46,699	-	93.8	93.8	11.4	-
Grace-Salvation Army	0003	301	40	301	40	98,506	5,016	89.4	89.4	10.3	4.8
Health Sciences Centre	0016	1,113	83	1,073	83	305,325	19,046	75.0	77.7	9.5	4.9
Misericordia	0004	409	53	409	53	116,946	3,135	78.1	78.1	11.4	3.8
St. Boniface	0005	617	60	580	60	171,571	23,285	76.0	80.8	8.4	5.5
Seven Oaks	0011	326	-	326	-	108,832	-	91.2	91.2	14.6	-
Victoria	0007	246	30	231	20	77,839	5,352	86.5	92.1	8.0	3.4
Sub-Total		3,427	290	3,335	280	994,158	60,503	79.3	81.4	9.7	4.7
Total Public General Hospitals		5,404	658	5,316	630	1,444,576	78,066	72.9	74.1	8.8	4.6

Table 12 (Continued)

Rated Bed Capacity, Set Up Beds, Patient Days, Occupancy Rates, and Average Length of Stay,

1987/88

Hospital		Rated Bed Capacity		Set Up Beds		Patient Days		Occupancy Rate (%)		Average Length of Stay (Days)	
Name	Ident. No.	Beds & Cribs	Bassinets	Beds & Cribs	Bassinets	Adult & Child	Newborn	Rated Beds	Set Up Beds	Adult & Child	Newborn
Specialty Hospital											
Rehabilitation Centre for Children	0017	20	-	20	-	2,651	-	36.2	36.2	24.1	-
Federal Hospitals											
Hodgson-P.E. Moore	0210	16	4	16	4	2,354	20	40.2	40.2	3.5	2.6
Norway House	0212	16	3	16	3	2,252	133	38.5	38.5	2.8	3.2
Berens River, N.S.	0287	6	4	6	4	107	3	4.9	4.9	1.0	1.0
Bloodvein, N.S.	0288	2	1	2	1	51	5	7.0	7.0	1.1	5.0
Brochet, N.S.	0282	3	3	3	3	62	-	5.6	5.6	1.0	-
Cross Lake, N.S.	0271	4	2	4	2	233	6	15.9	15.9	1.0	1.0
Garden Hill, N.S.	0273	3	3	3	3	139	2	12.7	12.7	1.0	2.0
God's Lake, N.S.	0272	4	3	4	3	146	-	10.0	10.0	1.0	-
Lac Brochet, N.S.	0290	2	1	2	1	47	1	6.4	6.4	1.0	1.0
Little Grand Rapids, N.S.	0274	4	2	4	2	30	-	2.0	2.0	1.0	-
Nelson House, N.S.	0277	4	1	4	1	132	-	9.0	9.0	1.0	-
Oxford House, N.S.	0278	3	1	3	1	162	1	14.8	14.8	1.0	1.0
Poplar River, N.S.	0285	4	2	4	2	39	2	2.7	2.7	1.0	1.0
Pukatawagan, N.S.	0281	4	2	4	2	111	-	7.6	7.6	1.0	-
Red Sucker Lake, N.S.	0289	2	1	2	1	15	-	2.0	2.0	1.0	-
St. Theresa, N.S.	0280	3	2	3	2	56	-	5.1	5.1	1.0	-
Shamatawa, N.S.	0284	4	2	4	2	109	1	7.4	7.4	1.0	1.0
South Indian Lake, N.S.	0283	6	3	6	3	84	2	3.8	3.8	1.0	1.0
Split Lake, N.S.	0279	4	1	4	1	19	-	1.3	1.3	1.0	-
Wassagamack, N.S.	0286	1	2	1	2	30	1	8.2	8.2	1.0	1.0
Sub-Total		95	43	95	43	6,178	177	17.8	17.8	2.0	2.6
Total Active Treatment Hospitals		5,519	701	5,431	673	1,453,405	78,243	71.8	73.0	8.7	4.6
Extended Treatment Hospitals											
Brandon-Assiniboine	0001	122	-	122	-	25,717	-	57.6	57.6	51.7	-
Dauphin	0122	20	-	20	-	6,531	-	89.2	89.2	50.7	-
Deer Lodge	0019	106	-	107	-	36,015	-	92.8	92.0	70.3	-
Grace-Salvation Army Manitoba Adolescent Treatment Centre Psych.	0003	20	-	20	-	5,942	-	81.2	81.2	113.2	-
Morden	0020	25	-	25	-	7,070	-	77.3	77.3	57.4	-
Portage	0153	23	-	23	-	7,238	-	86.0	86.0	27.4	-
St. Boniface	0162	27	-	27	-	7,521	-	76.1	76.1	26.0	-
Steinbach-Bethesda	0005	184	-	176	-	62,199	-	92.4	96.6	58.3	-
Swan River	0110	20	-	20	-	1,033	-	14.1	14.1	14.6	-
Winnipeg Municipal	0177	19	-	19	-	5,485	-	78.9	78.9	38.7	-
	0006	337	-	337	-	110,236	-	87.8	89.4	121.7	-
Total Extended Treatment Hospitals		903	-	896	-	274,987	-	82.7	83.3	67.9	-
All Hospitals		6,422¹	701	6,327	673	1,728,392	78,243	73.4	74.5	10.0	4.6

¹Includes 110 beds reported as extended treatment in the 1987/88 Annual Report.²As of March 31, 1988. The figure is different from that in Tables III and V in the Annual Report 1987/88 because of late adjustments.

Section III

Medicare

The information contained in this section which relates to medical, optometric, chiropractic, and oral surgery services is based on claims submitted by physicians, chiropractors, optometrists, and oral surgeons for residents of Manitoba entitled to these services. Data for claims which are not the responsibility of the Manitoba Health Services Commission, whether they be for residents or non-residents, are excluded from this section.

Please note that some of the tables in this section will pertain to services rendered by physicians and other health practitioners while other tables are restricted to services provided by physicians.

A number of tables show physician counts for those receiving in excess of \$30,000 from M.H.S.C., by type of practice.

Table 1

Medical and Other Health Services and Costs,

1986/87 and 1987/88

Type of Practice	Number of Services		Costs	
	1986/87	1987/88	1986/87 \$	1987/88 ¹ \$
Internal Medicine	921,886	929,601	18,015,540	19,489,122
Internal Medicine — Neurology	49,465	56,653	1,873,745	2,173,529
Paediatrics	568,202	565,518	8,752,643	9,162,942
Psychiatry	565,682	562,885	9,610,906	9,797,998
Surgery — General	261,174	252,676	10,353,955	11,087,273
— Thoracic and Cardiovascular	15,160	14,658	2,330,709	2,550,478
— Plastic	33,747	35,127	1,596,671	1,781,146
— Urological	56,492	56,444	3,003,752	3,203,718
— Orthopaedic	122,190	121,250	4,965,783	5,265,406
— Neurological	9,091	9,312	590,176	702,634
Ophthalmology	149,205	149,330	5,600,662	6,052,926
Otorhinolaryngology	108,498	102,725	3,127,350	3,178,202
Dermatology	143,269	132,883	2,074,781	2,049,414
Radiology ²	673,699	662,871	9,972,523	10,232,758
Pathology	3,203,333	3,320,833	23,005,463	24,413,857
Obstetrics and Gynaecology	329,982	317,690	9,539,570	10,076,148
Anaesthesia	87,824	92,465	6,159,893	6,919,548
General Practice — Urban ³	3,517,414	3,598,279	47,938,907	51,684,152
— Rural	2,402,642	2,443,420	34,043,166	36,316,607
— Emergency Medicine	38,492	36,642	780,515	774,529
Physical Medicine	40,486	44,430	449,648	529,364
Sub-Total In-Province Medical Services	13,297,933	13,505,692	203,786,358	217,441,751
Out-of-Province Doctors	141,178	142,606	3,625,731	3,687,689
Out-of-Province Agreement	9,500	8,034	147,188	146,837
Total Medical Services	13,448,611	13,656,332	207,559,277	221,276,277
Oral, Dental, and Periodontal Surgery	12,281	13,275	1,172,261	1,327,456
Optometry	207,688	223,455	4,841,787	5,306,730
Optometry Out-of-Province Agreement	123	139	2,856	3,358
Chiropractic	779,067	826,987	7,604,584	8,058,450
Chiropractic Out-of-Province Agreement	1,503	1,147	15,249	11,406
Total Other Health Services	1,000,662	1,065,003	13,636,737	14,707,400
Grand Total	14,449,273	14,721,335	221,196,014⁴	235,983,677⁴

¹Include retroactive payments for medical and dental surgery services rendered between April 1, 1987 - March 31, 1988.²Includes both technical and professional components of fee.³Includes Brandon and Winnipeg.⁴Figures include \$1,752,566 for 1986/87 and \$1,807,146 for 1987/88 which represent the value of services submitted by salaried practitioners.

Table 2

Medical and Other Health Services Average Cost per Patient by Type of Practice,

1983/84 - 1987/88

Type of Practice	1983/84 \$	1984/85 \$	1985/86 \$	1986/87 \$	1987/88 ¹ \$
Internal Medicine	58.93	60.64	63.60	64.79	68.96
Internal Medicine — Neurology	68.32	69.12	71.90	76.88	82.38
Paediatrics	49.79	49.89	50.52	53.39	55.87
Psychiatry	300.89	314.84	329.72	378.32	384.65
Surgery — General	116.86	121.81	127.54	134.03	143.47
— Thoracic and Cardiovascular	412.74	406.40	391.85	420.44	449.08
— Plastic	132.26	128.00	127.85	124.39	132.52
— Urological	134.29	133.43	137.75	141.14	148.16
— Orthopaedic	90.23	92.47	97.59	102.70	107.85
— Neurological	212.93	198.03	227.96	216.26	264.65
Ophthalmology	53.45	57.17	59.81	67.58	74.10
Otorhinolaryngology	61.42	66.27	67.11	70.51	72.46
Dermatology	43.39	44.01	46.54	50.44	51.22
Radiology	20.20	21.01	22.12	22.85	23.39
Pathology	31.98	34.70	33.11	41.54	41.29
Obstetrics and Gynaecology	89.37	93.90	97.96	100.48	104.88
Anaesthesiology	89.44	92.90	99.80	109.39	118.79
General Practice — Urban	47.67	47.57	47.84	47.44	48.43
— Rural	53.44	53.78	53.69	58.24	61.21
— Emergency Medicine	-	-	24.13	28.38	29.50
Physical Medicine	91.51	88.62	107.48	116.08	132.14
Oral, Dental, and Periodontal Surgery	218.10	220.01	245.86	281.93	310.73
Optometry	22.96	23.53	24.08	24.95	25.53
Chiropractic	47.92	47.98	50.56	49.83	51.09

¹ Includes retroactive payments for medical services rendered between April 1, 1987 - March 31, 1988.

Table 3

Distribution of Medical Practitioners¹ by Type of Practice and Age Group,

1987/88

Type of Practice	A. Number					Total
	Under 35	35-44	45-54	55-64	65 +	
Internal Medicine	10	49	40	32	14	145
Internal Medicine — Neurology	2	4	6	1	1	14
Paediatrics	12	25	16	13	5	71
Psychiatry	13	30	18	17	8	86
Surgery — General	1	16	14	24	14	69
— Thoracic and Cardiovascular	1	5	3	2	2	13
— Plastic	-	3	1	3	-	7
— Urological	-	5	3	7	1	16
— Orthopaedic	1	5	15	6	3	3
— Neurological	-	3	1	1	-	5
Ophthalmology	4	6	6	7	6	29
Otorhinolaryngology	1	6	1	8	5	21
Dermatology	-	5	2	2	3	12
Radiology	-	2	6	10	1	19
Pathology	-	-	5	3	3	11
Obstetrics and Gynaecology	9	18	19	11	5	62
Anaesthesiology	7	34	10	14	7	72
General Practice — Urban	118	159	66	75	45	463
— Rural	73	68	49	42	21	253
— Emergency Medicine	3	6	-	-	-	9
Physical Medicine	1	4	1	-	-	6
Total	256	453	282	278	144	1,413
Type of Practice	B. Percent					Total
	Under 35	35-44	45-54	55-64	65 +	
Internal Medicine	6.9	33.8	27.6	22.1	9.7	100.0
Internal Medicine — Neurology	14.3	28.6	42.9	7.1	7.1	100.0
Paediatrics	16.9	35.2	22.5	18.3	7.0	100.0
Psychiatry	15.1	34.9	20.9	19.8	9.3	100.0
Surgery — General	1.4	23.2	20.3	34.8	20.3	100.0
— Thoracic and Cardiovascular	7.7	38.5	23.1	15.4	15.4	100.0
— Plastic	-	42.9	14.3	42.9	-	100.0
— Urological	-	31.3	18.8	43.8	6.3	100.0
— Orthopaedic	-	16.7	50.0	20.0	10.0	100.0
— Neurological	-	60.0	20.0	20.0	-	100.0
Ophthalmology	13.8	20.7	20.7	24.1	20.7	100.0
Otorhinolaryngology	4.8	28.6	4.8	38.1	23.8	100.0
Dermatology	-	41.7	16.7	16.7	25.0	100.0
Radiology	-	10.5	31.6	52.6	5.3	100.0
Pathology	-	-	45.5	27.3	27.3	100.0
Obstetrics and Gynaecology	14.5	29.0	30.6	17.7	8.1	100.0
Anaesthesiology	9.7	47.2	13.9	19.4	9.7	100.0
General Practice — Urban	25.5	34.3	14.3	16.2	9.7	100.0
— Rural	28.9	26.9	19.4	16.6	8.3	100.0
— Emergency Medicine	33.3	66.7	-	-	-	100.0
Physical Medicine	16.7	66.7	16.7	-	-	100.0
Total	18.1	32.1	20.0	19.7	10.2	100.0

¹ Refers to those who received in excess of \$30,000 during the year.

Table 4

Distribution of Medical Practitioners¹ by Type of Practice and Place of Graduation,

1987/88

Type of Practice	Canada		U.S.A.	U.K.	Europe	Asia	Africa	Australia	New Zealand	South America	Total
	Manitoba	Other Provinces									
Internal Medicine	72	24	3	23	1	14	2	3	1	2	145
Internal Medicine — Neurology	5	1	-	5	-	-	2	-	-	1	14
Paediatrics	46	6	-	6	1	8	3	-	-	1	71
Psychiatry	57	7	-	9	2	4	4	1	-	2	86
Surgery											
— General	42	7	-	9	1	9	1	-	-	-	69
— Thoracic and Cardiovascular	9	2	-	-	-	2	-	-	-	-	13
— Plastic	1	3	-	2	-	1	-	-	-	-	7
— Urological	9	2	-	2	-	1	2	-	-	-	16
— Orthopaedic	14	3	-	4	1	5	2	-	-	1	30
— Neurological	3	1	-	-	-	-	-	-	-	1	5
Ophthalmology	15	3	-	6	-	3	1	1	-	-	29
Otorhinolaryngology	12	-	-	4	2	-	1	1	1	-	21
Dermatology	10	-	-	2	-	-	-	-	-	-	12
Radiology	13	2	-	3	-	-	-	1	-	-	19
Pathology	2	4	-	3	-	1	-	-	-	1	11
Obstetrics and Gynaecology	33	6	-	10	2	7	1	-	1	2	62
Anaesthesiology	45	8	-	12	1	3	2	1	-	-	72
General Practice											
— Urban	243	43	-	87	31	39	7	3	1	8	462
— Rural	109	22	1	85	8	11	16	1	1	-	254
— Emergency Medicine	9	-	-	-	-	-	-	-	-	-	9
Physical Medicine	2	-	-	-	-	4	-	-	-	-	6
Total	751	144	4	272	50	112	44	12	5	19	1,413
Percent Distribution	53.1	10.2	0.3	19.2	3.5	7.9	3.1	0.8	0.4	1.3	100.0

¹ Refers to those who received in excess of \$30,000 during the year.

Table 5A

Leading Costs for Medical Services¹,

1980/81-1987/88

Service	1980/81 \$	1981/82 \$	1982/83 \$	1983/84 \$	1984/85 \$	1985/86 \$	1986/87 \$	1987/88 \$
Office visits	47,859,525	55,916,713	64,112,831	69,086,859	72,469,405	76,964,315	85,696,655	90,591,870
Lab. services	11,620,073	14,688,893	16,662,269	18,752,304	21,025,267	23,771,835	25,056,300	26,413,486
Major surgery	11,107,902	13,228,241	14,893,468	16,509,873	16,486,024	17,585,133	18,716,054	20,420,310
Consultations	7,142,137	8,755,244	10,477,139	11,642,725	12,367,323	13,847,932	14,712,206	16,111,660
Hospital visits	6,134,841	7,670,060	8,939,274	9,297,640	9,439,100	9,573,747	9,635,437	10,090,501
Diag. Radiology	5,318,231	6,064,242	7,093,338	7,785,748	8,302,976	9,221,602	9,508,763	9,743,407

¹ Six highest during the period.

Table 5B

Selected Medical Services Costs Index,

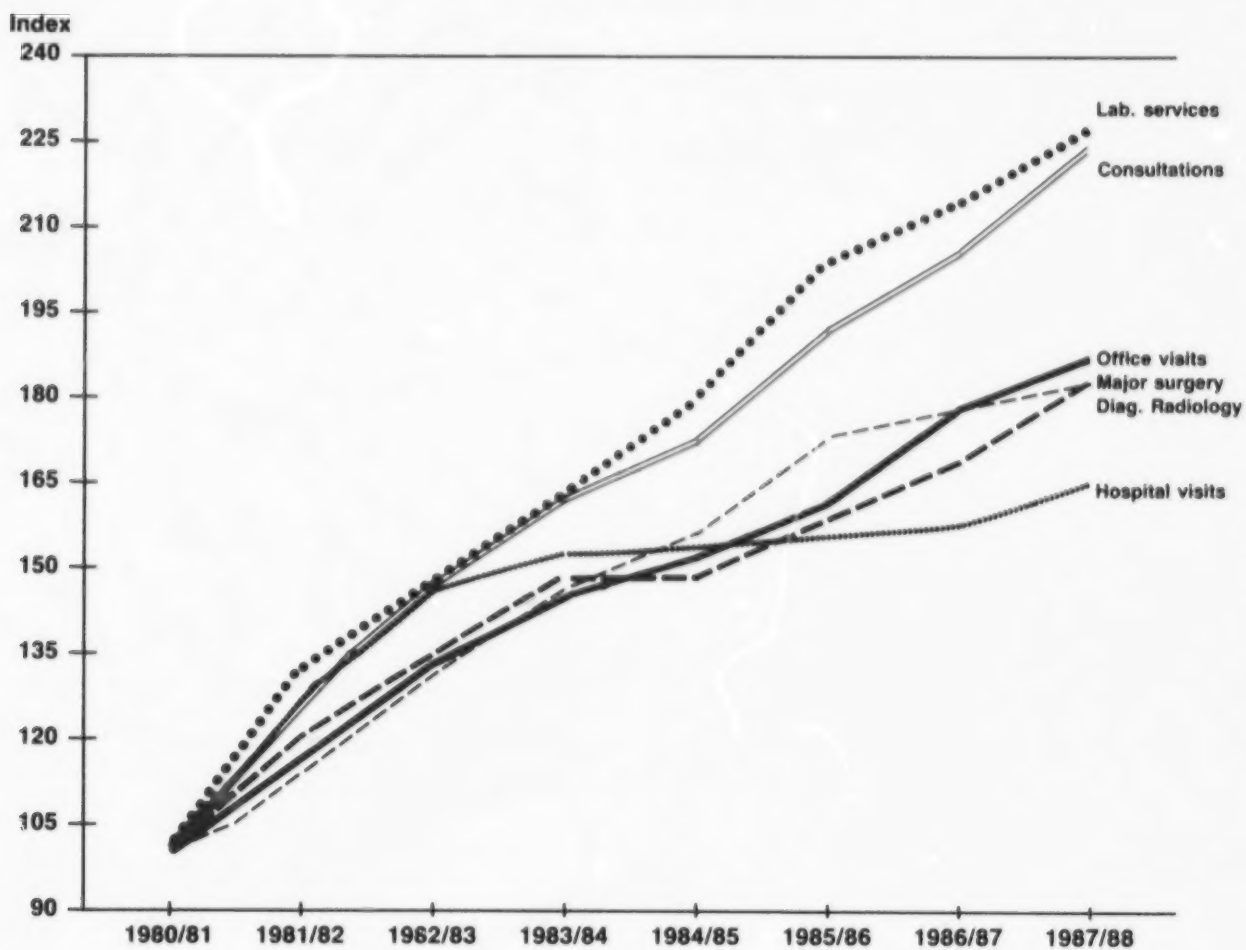
1980/81 - 1987/88

Service	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
Office visits	100.0	116.8	134.0	144.4	151.4	160.8	179.1	189.3
Lab. services	100.0	126.4	143.4	161.4	180.9	204.6	215.6	227.3
Major surgery	100.0	119.1	134.1	148.6	148.4	158.3	168.5	183.8
Consultations	100.0	122.6	146.7	163.0	173.2	193.9	206.0	225.6
Hospital visits	100.0	125.0	145.7	151.6	153.9	156.1	157.1	164.5
Diag. Radiology	100.0	114.0	133.4	146.4	156.1	173.4	178.8	183.2

Figure 1

Selected Medical Services Costs Index¹,

1980/81 - 1987/88



¹ Six highest during the period.

Table 6A**Selected Medical Services¹,**

1980/81-1987/88

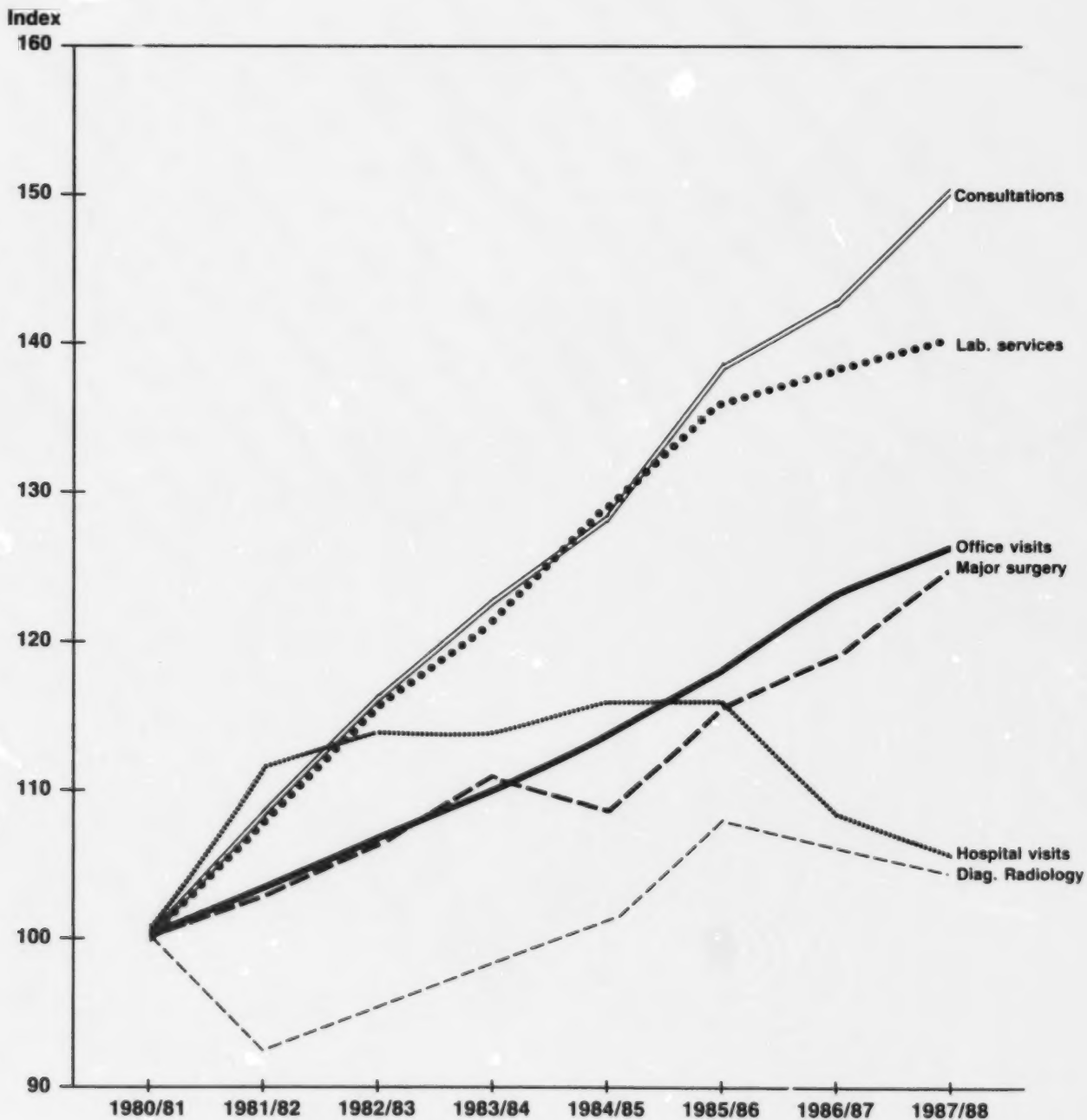
Service	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
Office visits	4,229,517	4,361,291	4,491,503	4,663,739	4,788,302	4,993,290	5,201,833	5,331,158
Lab. services	2,807,880	3,046,073	3,265,799	3,425,421	3,609,033	3,838,777	3,862,535	3,926,262
Major surgery	57,878	59,954	61,381	64,168	62,943	66,889	68,806	71,695
Consultations	196,118	211,934	227,885	240,503	250,475	271,400	277,688	294,600
Hospital visits	1,260,279	1,395,718	1,448,867	1,434,771	1,467,089	1,468,685	1,365,463	1,327,870
Diag. Radiology	619,540	574,922	592,684	609,781	625,504	669,518	660,354	649,048

¹ Based on highest cost.**Table 6B****Selected Medical Services Index,**

1980/81 - 1987/88

Service	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
Office visits	100.0	103.1	106.2	110.3	113.2	118.1	123.0	126.0
Lab. services	100.0	108.5	116.3	122.0	128.5	136.7	137.6	139.8
Major surgery	100.0	103.6	106.1	110.9	108.8	115.6	118.9	123.9
Consultations	100.0	108.1	116.2	122.6	127.7	138.4	141.6	150.2
Hospital visits	100.0	110.7	115.0	113.8	116.4	116.5	108.3	105.4
Diag. Radiology	100.0	92.8	95.7	98.4	101.0	108.1	106.6	104.8

Figure 2
Selected Medical Services Index¹,
 1980/81 - 1987/88



¹Based on highest cost.

Table 7

Number and Costs of Medical Services¹ by Specialty, 1987/88

Type of Service	General Practice		Medical Specialties ²		Surgical Specialties ³		Technical Specialties ⁴		All Physicians	
	Services	Costs (\$)	Services	Costs (\$)	Services	Costs (\$)	Services	Costs (\$)	Services	Costs (\$)
A. Total Number of Services and Costs										
I. Consultations	21,858	813,785	121,659	8,507,318	146,952	6,514,282	4,131	276,275	294,600	16,111,660
II. Office Visits	3,812,996	60,464,494	1,075,826	21,804,802	442,000	8,314,901	336	7,673	5,331,158	90,591,870
III. Hospital Visits	791,105	5,943,496	440,237	3,329,529	77,361	642,874	19,167	174,602	1,327,870	10,090,501
IV. Special Calls	177,720	4,410,367	19,746	478,347	19,779	476,811	2,136	51,422	219,381	5,416,947
V. Major Surgery	9,919	1,507,377	721	136,655	60,839	18,743,028	216	33,250	71,695	20,420,310
VI. Minor Surgery	110,292	1,899,285	17,413	158,094	39,210	1,076,966	13	507	166,928	3,134,852
VII. Surgical Assistance	14,831	1,543,328	75	7,125	1,965	293,766	***	***	16,871	1,844,219
VIII. Obstetrical Services	14,901	2,984,741	***	***	32,385	3,594,911	***	***	47,286	6,579,652
IX. Anaesthesia	28,148	2,317,089	30	257	4,165	106,750	58,805	5,909,462	91,148	8,335,558
X. Diagnostic Radiology	***	***	11	183	***	***	649,037	9,743,224	649,048	9,743,407
XI. Laboratory Services	511,019	1,843,440	38,950	117,925	63,207	154,576	3,313,086	24,297,545	3,926,262	26,413,486
XII. Other Diag./										
Ther. Services	553,090	4,413,591	498,389	7,810,789	171,828	4,015,843	30,080	1,108,887	1,253,387	17,349,110
XIII. Miscellaneous	23,131	455,080	86,493	934,874	244	12,257	190	7,967	110,058	1,410,178
Total	6,069,010	88,596,073	2,299,550	43,285,898	1,059,935	43,948,965	4,077,197	41,610,814	13,505,692	217,441,750
B. Percent of Services and Costs by Specialty										
I. Consultations	7.4	5.1	41.3	52.8	49.9	40.4	1.4	1.7	100.0	100.0
II. Office Visits	71.5	66.7	20.2	24.1	8.3	9.2	--	--	100.0	100.0
III. Hospital Visits	59.6	58.9	33.2	33.0	5.8	6.4	1.4	1.7	100.0	100.0
IV. Special Calls	81.0	81.4	9.0	8.8	9.0	8.8	1.0	0.9	100.0	100.0
V. Major Surgery	13.8	7.4	1.0	0.7	84.9	91.8	0.3	0.2	100.0	100.0
VI. Minor Surgery	66.1	60.6	10.4	5.0	23.5	34.4	--	--	100.0	100.0
VII. Surgical Assistance	87.9	83.7	0.4	0.4	11.6	15.9	***	***	100.0	100.0
VIII. Obstetrical Services	31.5	45.4	***	***	68.5	54.6	***	***	100.0	100.0
IX. Anaesthesia	30.9	27.8	--	--	4.6	1.3	64.5	70.9	100.0	100.0
X. Diagnostic Radiology	***	***	--	--	***	***	100.0	100.0	100.0	100.0
XI. Laboratory Services	13.0	7.0	1.0	0.4	1.6	0.6	84.4	92.0	100.0	100.0
XII. Other Diag./										
Ther. Services	44.1	25.4	39.8	45.0	13.7	23.1	2.4	6.4	100.0	100.0
XIII. Miscellaneous	21.0	32.3	78.6	66.3	0.2	0.9	0.2	0.6	100.0	100.0
Total	44.9	40.7	17.0	19.9	7.8	20.2	30.2	19.1	100.0	100.0
C. Percent of Services and Costs by Type of Service										
I. Consultations	0.4	0.9	5.3	19.7	13.9	14.8	0.1	0.7	2.2	7.4
II. Office Visits	62.8	68.2	46.8	50.4	41.7	18.9	--	--	39.5	41.7
III. Hospital Visits	13.0	6.7	19.1	7.7	7.3	1.5	0.5	0.4	9.8	4.6
IV. Special Calls	2.9	5.0	0.9	1.1	1.9	1.1	0.1	0.1	1.6	2.5
V. Major Surgery	0.2	1.7	--	0.3	5.7	42.6	--	0.1	0.5	9.4
VI. Minor Surgery	1.8	2.1	0.8	0.4	3.7	2.5	--	--	1.2	1.4
VII. Surgical Assistance	0.2	1.7	--	--	0.2	0.7	***	***	0.1	0.8
VIII. Obstetrical Services	0.2	3.4	***	***	3.1	8.2	***	***	0.4	3.0
IX. Anaesthesia	0.5	2.6	--	--	0.4	0.2	1.4	14.2	0.7	3.8
X. Diagnostic Radiology	***	***	--	--	***	***	15.9	23.4	4.8	4.5
XI. Laboratory Services	8.4	2.1	1.7	0.3	6.0	0.4	81.3	58.4	29.1	12.1
XII. Other Diag./										
Ther. Services	9.1	5.0	21.7	18.0	16.2	9.1	0.7	2.7	9.3	8.0
XIII. Miscellaneous	0.4	0.5	3.8	2.2	--	--	--	--	0.8	0.6
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

¹ Table shows only Medical Services provided in Manitoba by resident physicians (excludes all out-of-province services as well as in-province dental, chiropractic, and optometric services).

² Include Internal Medicine and Neurology; Paediatrics; Psychiatry; Dermatology; and Physical Medicine.

³ Include General Surgery; Orthopaedic Surgery; Urological Surgery; Thoracic and Cardiovascular Surgery; Neurological Surgery; Ophthalmology; Otorhinolaryngology; and Obstetrics and Gynaecology.

⁴ Include Anaesthesiology; Radiology; and Pathology.

Table 8**Number of Medical Services per 1,000 Population and per Capita Cost by Health Region,**

1987/88

Region	Population	Services		Cost ¹ (\$)	
		Number	Rate Per 1,000 Population	Total	Per Capita
Male					
Central	47,042	315,668	6,710	5,775,598	122.78
Eastman	42,407	335,507	7,912	5,762,201	135.88
Interlake	37,263	316,730	8,500	5,454,644	146.38
Norman	39,710	258,247	6,503	4,969,958	125.16
Parkland	25,023	185,177	7,400	3,347,328	133.77
Westman	59,467	489,387	8,230	8,473,061	142.48
Winnipeg	304,036	3,438,189	11,308	54,739,596	180.04
Total	554,948	5,338,905	9,621	88,522,386	159.51
Female					
Central	46,836	455,984	9,736	7,950,823	169.76
Eastman	40,461	479,743	11,857	7,824,185	193.38
Interlake	35,855	459,436	12,814	7,537,188	210.21
Norman	37,074	367,342	9,908	7,095,601	191.39
Parkland	24,130	243,319	10,084	4,159,147	172.36
Westman	60,518	709,720	11,727	11,561,110	191.04
Winnipeg	321,306	5,451,243	16,966	82,791,310	257.67
Total	566,180	8,166,787	14,424	128,919,364	227.70
Total					
Central	93,878	771,652	8,220	13,726,421	146.22
Eastman	82,868	815,250	9,838	13,586,386	163.95
Interlake	73,118	776,166	10,615	12,991,832	177.68
Norman	76,784	625,589	8,147	12,065,559	157.14
Parkland	49,153	428,496	8,718	7,506,475	152.72
Westman	119,985	1,199,107	9,994	20,034,171	166.97
Winnipeg	625,342	8,889,432	14,215	137,530,906	219.93
Total	1,121,128	13,505,692	12,047	217,441,750	193.95

¹ Include retroactive payments for medical services rendered between April 1, 1987 - March 31, 1988.

Figure 3
Number of Medical Services per 1,000 Population by Health Region,
1987/88

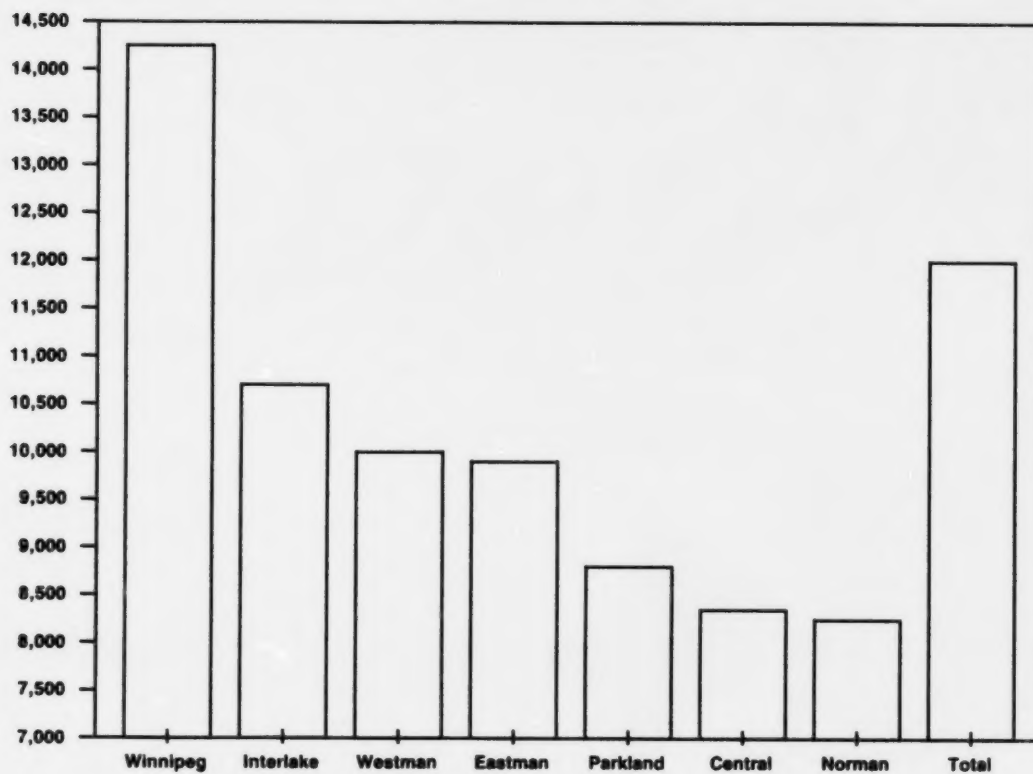


Figure 4
Medical Cost per Capita by Health Region and Sex,
1987/88

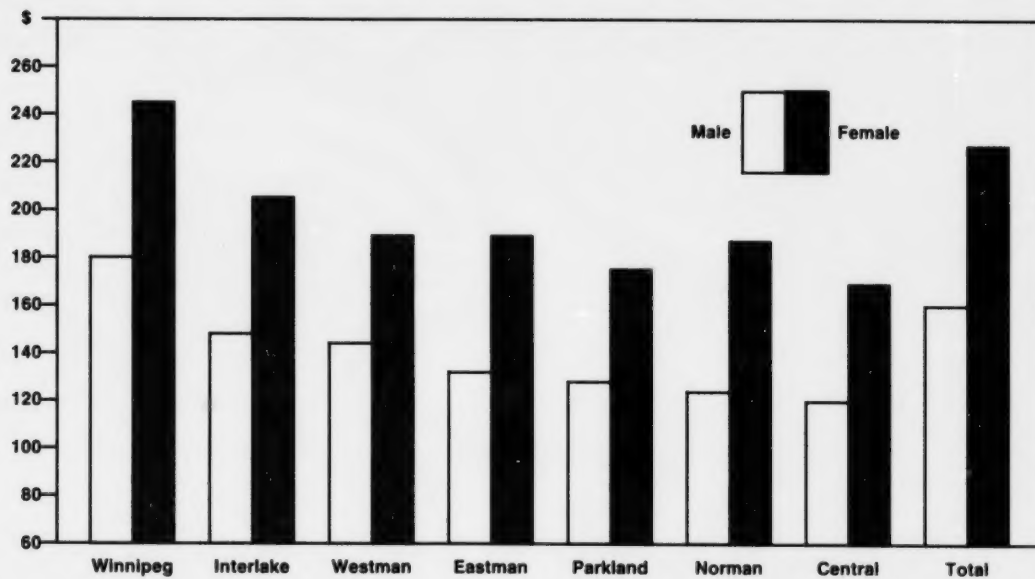


Table 9

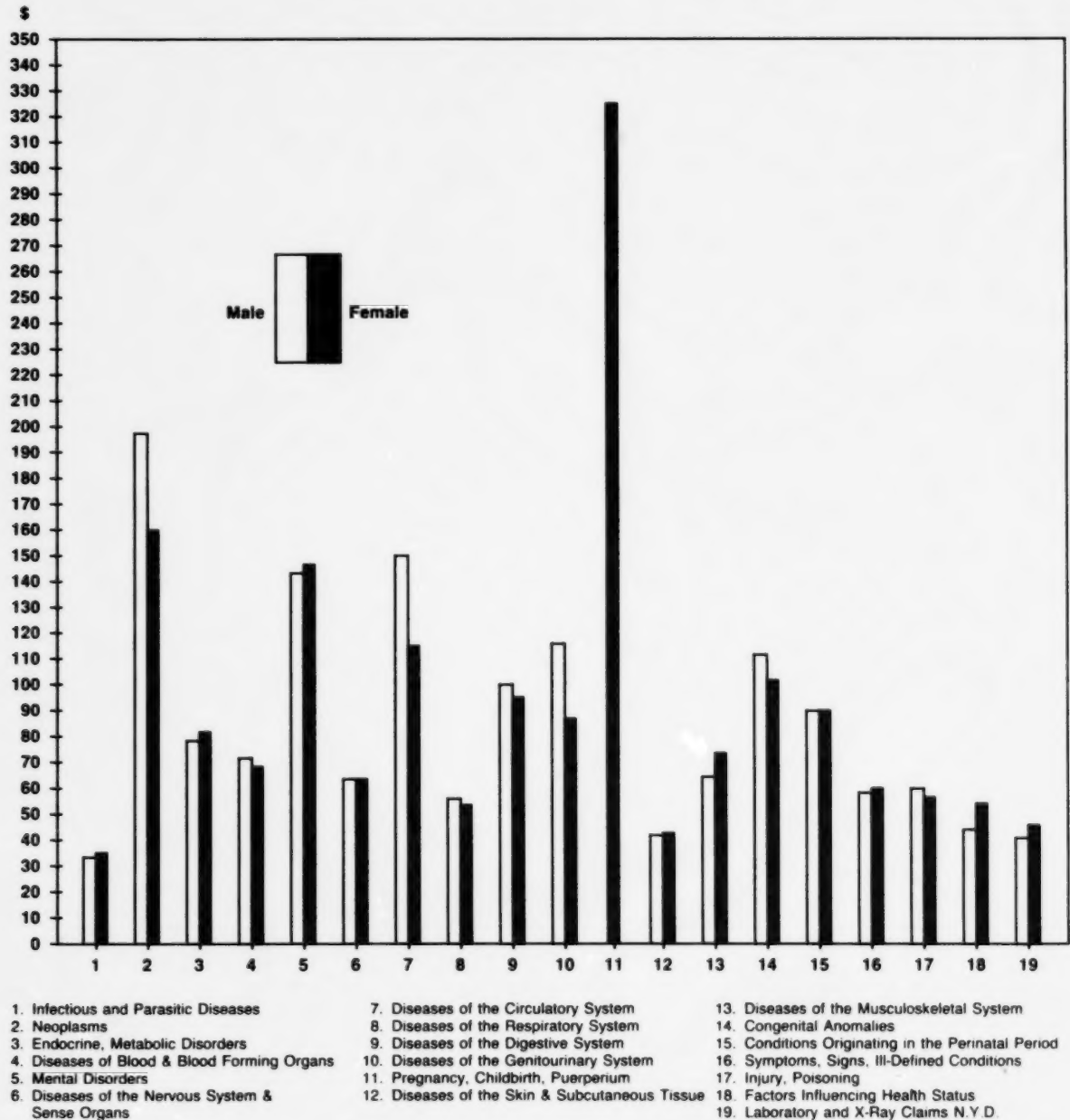
Medical Services and Costs by Diagnostic Classification and Sex, 1987/88

Diagnostic Classification	Male				Female			
	Patients ¹	Services	Costs (\$)	Costs Per Patient (\$)	Patients ¹	Services	Costs (\$)	Costs Per Patient (\$)
I. Infectious and Parasitic Diseases	49,747	129,263	1,727,330	34.72	62,457	167,798	2,205,224	35.31
II. Neoplasms	18,367	149,353	3,613,098	196.72	27,144	182,034	4,356,031	160.48
III. Endocrine, Nutritional and Metabolic Diseases and Immunity Disorders	30,870	182,896	2,360,589	76.47	46,398	265,996	3,656,590	78.81
IV. Diseases of Blood and Blood Forming Organs	8,485	45,747	587,431	69.23	17,236	96,569	1,132,396	65.70
V. Mental Disorders	38,701	372,809	5,529,785	142.88	65,117	658,405	9,624,283	147.80
VI. Diseases of the Nervous System and Sense Organs	128,993	416,614	8,111,004	62.88	165,915	563,365	10,542,315	63.54
VII. Diseases of the Circulatory System	65,340	502,983	9,878,248	151.18	81,367	616,279	9,223,940	113.36
VIII. Diseases of the Respiratory System	163,961	587,772	9,259,331	56.47	202,257	717,141	10,553,046	52.18
IX. Diseases of the Digestive System	67,017	243,645	6,686,956	99.78	78,590	296,708	7,460,747	94.93
X. Diseases of the Genitourinary System	34,706	164,264	4,056,517	116.88	140,803	681,585	11,737,059	83.36
XI. Complications of Pregnancy, Childbirth, and the Puerperium	...	...	...	...	24,727	139,207	8,036,238	325.00
XII. Diseases of the Skin and Subcutaneous Tissue	86,592	254,468	3,694,410	42.66	107,318	338,288	4,821,265	44.93
XIII. Diseases of the Musculoskeletal System and Connective Tissue	84,997	324,923	5,705,192	67.12	107,977	491,293	7,823,632	72.46
XIV. Congenital Anomalies	6,494	18,711	732,252	112.76	6,344	18,834	643,618	101.45
XV. Certain Conditions Originating in the Perinatal Period	2,814	17,059	258,923	92.01	2,429	14,173	223,507	92.02
XVI. Symptoms, Signs, and Ill-Defined Conditions	109,469	375,387	6,384,955	58.33	149,695	571,089	8,886,546	59.36
XVII. Injury and Poisoning	136,175	451,249	8,306,617	61.00	117,903	404,250	6,872,020	58.29
XVIII. Factors Influencing Health Status and Contact with Health Services	166,378	648,855	7,530,290	45.26	268,819	1,229,147	14,672,141	54.58
XIX. Laboratory and X-Ray Claims not yet diagnosed	94,263	452,907	4,099,458	43.49	138,799	714,626	6,448,766	46.46

¹ Patient count is unique and this was not the case in reports prior to 1984/85.

Figure 5

Medical Cost per Patient¹ by Diagnostic Classification and Sex, 1987/88



¹ Patient count is unique and this was not the case in reports prior to 1984/85.

Table 10

Distribution of Patients by Specialty, by Age Group and Sex, 1987/88¹

Age Group	Male		Female		Male		Female		Male		Female	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Internal Medicine				Internal Medicine - Neurology				Paediatrics				
00 - 01	153	0.1	130	0.1	82	0.3	70	0.3	9,046	7.2	8,055	6.4
02 - 04	624	0.3	452	0.2	189	0.7	146	0.6	17,682	14.1	15,814	12.6
05 - 09	1,224	0.5	842	0.4	215	0.8	178	0.7	19,346	15.4	17,307	13.8
10 - 14	1,197	0.5	946	0.4	350	1.3	292	1.1	12,429	9.9	11,200	8.9
15 - 19	1,604	0.7	1,865	0.8	489	1.9	671	2.6	6,017	4.8	5,307	4.2
20 - 24	2,780	1.2	3,652	1.6	583	2.2	1,026	3.9	543	0.4	486	0.4
25 - 34	8,699	3.7	10,704	4.6	1,522	5.8	2,618	10.0	254	0.2	670	0.5
35 - 44	12,604	5.4	14,211	6.1	1,620	6.2	2,448	9.3	172	0.1	581	0.5
45 - 54	15,346	6.5	16,960	7.2	1,410	5.4	1,866	7.1	66	0.1	84	0.1
55 - 64	21,409	9.1	21,753	9.3	1,680	6.4	1,829	7.0	52	--	63	0.1
65 - 69	12,212	5.2	13,136	5.6	894	3.4	945	3.6	22	--	31	--
70 - 79	21,224	9.0	23,998	10.2	1,557	5.9	1,831	7.0	37	--	37	--
80 +	10,819	4.6	16,035	6.8	678	2.6	1,010	3.9	21	--	25	--
Total	109,895	46.8	124,684	53.2	11,269	43.0	14,930	57.0	65,687	52.4	59,660	47.6
Psychiatry				Surgery - General				Surgery - Thoracic & Cardiovascular				
00 - 01	--	--	--	--	458	0.6	185	0.2	27	0.5	16	0.3
02 - 04	7	--	4	--	760	1.0	446	0.6	24	0.5	34	0.7
05 - 09	112	0.6	51	0.3	910	1.2	531	0.7	22	0.4	26	0.5
10 - 14	307	1.6	126	0.7	878	1.2	739	1.0	11	0.2	8	0.2
15 - 19	360	1.9	367	2.0	1,301	1.7	1,333	1.8	26	0.5	23	0.5
20 - 24	468	2.5	609	3.2	1,776	2.3	2,059	2.7	58	1.2	31	0.6
25 - 34	1,620	8.6	2,336	12.4	4,104	5.4	5,736	7.5	105	2.1	113	2.3
35 - 44	1,902	10.1	2,946	15.7	3,953	5.2	6,060	8.0	159	3.2	97	2.0
45 - 54	1,154	6.1	1,723	9.2	3,755	4.9	5,845	7.7	318	6.4	175	3.5
55 - 64	727	3.9	1,364	7.3	5,297	7.0	6,298	8.3	775	15.7	370	7.5
65 - 69	298	1.6	560	3.0	3,006	4.0	3,476	4.6	507	10.3	276	5.6
70 - 79	383	2.0	771	4.1	5,291	7.0	6,009	7.9	770	15.6	507	10.3
80 +	178	0.9	412	2.2	2,369	3.1	3,452	4.5	219	4.4	243	4.9
Total	7,516	40.0	11,269	60.0	33,858	44.5	42,169	55.5	3,021	61.2	1,919	38.8
Surgery - Plastic				Surgery - Urological				Surgery - Orthopaedic				
00 - 01	42	0.3	35	0.3	210	1.0	11	0.1	363	0.7	439	0.9
02 - 04	172	1.4	157	1.3	303	1.4	62	0.3	1,224	2.5	1,111	2.3
05 - 09	216	1.8	204	1.7	311	1.5	181	0.9	1,138	2.3	983	2.0
10 - 14	182	1.5	205	1.7	207	1.0	89	0.4	1,576	3.2	1,511	3.1
15 - 19	332	2.7	457	3.8	201	0.9	98	0.5	2,067	4.3	1,908	3.9
20 - 24	561	4.6	652	5.4	416	2.0	208	1.0	1,816	3.7	1,327	2.7
25 - 34	1,020	8.4	1,623	13.4	1,803	8.5	638	3.0	4,056	8.3	2,986	6.1
35 - 44	674	5.6	1,314	10.8	1,929	9.1	738	3.5	3,245	6.7	2,966	6.1
45 - 54	426	3.5	844	7.0	1,447	6.8	657	3.1	2,378	4.9	2,711	5.6
55 - 64	503	4.2	783	6.5	2,303	10.8	824	3.9	2,418	5.0	3,122	6.4
65 - 69	256	2.1	320	2.6	1,729	8.1	481	2.3	1,040	2.1	1,686	3.5
70 - 79	335	2.8	442	3.6	3,414	16.1	820	3.9	1,477	3.0	2,753	5.7
80 +	156	1.3	201	1.7	1,723	8.1	446	2.1	604	1.2	1,711	3.5
Total	4,875	40.2	7,237	59.8	15,996	75.3	5,253	24.7	23,402	48.1	25,214	51.9

Table 10 (Continued)

Distribution of Patients by Specialty, by Age Group and Sex, 1987/88¹

Age Group	Male		Female		Male		Female		Male		Female	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Surgery - Neurological				Ophthalmology				Otorhinolaryngology				
00 - 01	39	1.5	16	0.6	256	0.3	264	0.3	202	0.5	141	0.3
02 - 04	58	2.2	40	1.5	894	1.1	861	1.1	1,224	2.8	794	1.8
05 - 09	52	2.0	39	1.5	2,291	2.8	2,198	2.7	2,637	6.1	1,813	4.2
10 - 14	37	1.4	21	0.8	2,149	2.7	2,184	2.7	1,163	2.7	1,091	2.5
15 - 19	68	2.6	37	1.4	1,902	2.3	2,387	2.9	941	2.2	1,168	2.7
20 - 24	71	2.7	35	1.3	1,364	1.7	2,077	2.6	1,020	2.4	1,223	2.8
25 - 34	162	6.2	110	4.2	2,900	3.6	4,371	5.4	2,592	6.0	3,126	7.2
35 - 44	184	7.0	177	6.7	2,725	3.4	4,129	5.1	2,454	5.7	2,755	6.4
45 - 54	170	6.5	171	6.5	3,408	4.2	4,809	5.9	2,045	4.7	2,346	5.4
55 - 64	207	7.9	194	7.4	4,206	5.2	6,173	7.6	2,618	6.0	2,793	6.5
65 - 69	125	4.7	112	4.3	2,605	3.2	4,101	5.1	1,274	2.9	1,537	3.6
70 - 79	191	7.3	194	7.4	5,000	6.2	9,036	11.1	1,830	4.2	2,461	5.7
80 +	56	2.1	67	2.5	2,785	3.4	5,987	7.4	791	1.8	1,255	2.9
Total	1,420	53.9	1,213	46.1	32,485	40.1	48,577	59.9	20,791	48.0	22,503	52.0
Dermatology				Radiology				Pathology				
00 - 01	98	0.3	54	0.1	714	0.2	658	0.2	1,681	0.3	1,481	0.3
02 - 04	349	0.9	363	0.9	2,495	0.6	1,958	0.4	7,448	1.3	7,156	1.2
05 - 09	588	1.5	617	1.6	4,033	0.9	3,187	0.7	13,276	2.2	13,587	2.3
10 - 14	711	1.8	1,007	2.6	6,640	1.5	6,311	1.4	10,391	1.8	11,791	2.0
15 - 19	1,780	4.6	2,038	5.2	10,468	2.4	9,214	2.1	11,535	2.0	21,518	3.6
20 - 24	1,734	4.4	2,741	7.0	12,562	2.9	12,147	2.8	13,477	2.3	41,268	7.0
25 - 34	2,760	7.1	5,349	13.7	32,307	7.4	32,067	7.3	31,962	5.4	92,309	15.6
35 - 44	1,953	5.0	3,559	9.1	30,075	6.9	39,788	9.1	28,854	4.9	60,823	10.3
45 - 54	1,327	3.4	2,162	5.5	25,159	5.8	37,965	8.7	22,544	3.8	38,175	6.5
55 - 64	1,434	3.7	2,017	5.2	27,998	6.4	38,792	8.9	25,115	4.2	35,341	6.0
65 - 69	819	2.1	1,070	2.7	13,710	3.1	19,649	4.5	12,844	2.2	17,877	3.0
70 - 79	1,270	3.3	1,817	4.7	19,737	4.5	29,425	6.7	19,218	3.3	27,866	4.7
80 +	543	1.4	842	2.2	7,041	1.6	12,852	2.9	8,070	1.4	15,617	2.6
Total	15,366	39.4	23,636	60.6	192,939	44.2	244,013	55.8	206,415	34.9	384,809	65.1
Obstetrics & Gynaecology				Anaesthesiology				General Practice - Urban				
00 - 01	1,182	1.3	12	--	446	0.8	190	0.3	6,719	0.8	6,304	0.8
02 - 04	37	--	31	--	1,253	2.2	836	1.5	17,853	2.1	16,576	2.0
05 - 09	12	--	82	0.1	1,625	2.9	1,138	2.0	21,096	2.5	19,757	2.4
10 - 14	7	--	171	0.2	787	1.4	703	1.2	17,435	2.1	18,527	2.2
15 - 19	13	--	3,390	3.8	1,031	1.8	1,658	2.9	22,035	2.6	31,801	3.8
20 - 24	13	--	11,227	12.6	1,339	2.4	2,924	5.2	29,678	3.5	53,663	6.4
25 - 34	161	0.2	35,919	40.4	2,541	4.5	6,491	11.5	65,545	7.8	105,913	12.7
35 - 44	135	0.2	18,616	20.9	2,222	3.9	4,774	8.5	52,212	6.2	73,786	8.8
45 - 54	28	--	8,302	9.3	1,915	3.4	3,208	5.7	34,977	4.2	47,132	5.6
55 - 64	38	--	4,721	5.3	3,094	5.5	3,126	5.5	33,085	4.0	42,453	5.1
65 - 69	24	--	1,754	2.0	1,939	3.4	1,759	3.1	15,274	1.8	20,540	2.5
70 - 79	45	0.1	2,231	2.5	3,853	6.8	3,423	6.1	21,898	2.6	31,404	3.8
80 +	24	--	724	0.8	1,857	3.3	2,227	4.0	10,411	1.2	21,145	2.5
Total	1,719	1.9	87,180	98.1	23,902	42.4	32,457	57.6	348,218	41.6	489,001	58.4

Table 10 (Continued)

Distribution of Patients by Specialty, by Age Group and Sex, 1987/88¹

Age Group	Male		Female		Male		Female		Male		Female	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
General Practice - Rural				General Practice - Emergency Medicine				Physical Medicine				
00 - 01	7,548	1.4	6,784	1.2	1	3.2	-	-	1	-	-	-
02 - 04	20,098	3.6	18,223	3.3	1	3.2	-	-	-	-	-	-
05 - 09	22,994	4.2	20,800	3.8	-	-	2	6.5	3	0.1	-	-
10 - 14	18,496	3.3	18,081	3.3	-	-	-	-	1	-	6	0.2
15 - 19	19,915	3.6	24,347	4.4	-	-	1	3.2	25	0.7	34	1.0
20 - 24	17,637	3.2	25,557	4.6	-	-	1	3.2	117	3.4	78	2.3
25 - 34	33,931	6.1	50,948	9.2	-	-	7	22.6	298	8.7	297	8.7
35 - 44	27,768	5.0	36,022	6.5	-	-	9	29.0	328	9.6	317	9.3
45 - 54	20,911	3.8	25,594	4.6	-	-	4	12.9	269	7.9	276	8.1
55 - 64	21,483	3.9	24,347	4.4	2	6.5	1	3.2	270	7.9	289	8.4
65 - 69	11,133	2.0	12,778	2.3	-	-	-	-	140	4.1	128	3.7
70 - 79	19,395	3.5	21,553	3.9	-	-	2	6.5	198	5.8	192	5.6
80 +	11,142	2.0	15,481	2.8	-	-	-	-	61	1.8	95	2.8
Total	252,451	45.7	300,515	54.3	4	12.9	27	87.1	1,711	50.0	1,712	50.0
Optometry												
00 - 01	64	-	54	-								
02 - 04	1,193	0.6	1,146	0.6								
05 - 09	7,727	3.7	7,666	3.7								
10 - 14	8,504	4.1	10,404	5.0								
15 - 19	7,334	3.5	10,907	5.2								
20 - 24	6,512	3.1	10,779	5.2								
25 - 34	12,739	6.1	21,052	10.1								
35 - 44	10,250	4.9	16,207	7.8								
45 - 54	10,824	5.2	13,428	6.5								
55 - 64	8,820	4.2	11,442	5.5								
65 - 69	4,086	2.0	5,728	2.8								
70 - 79	6,029	2.9	8,844	4.3								
80 +	2,263	1.1	3,968	1.9								
Total	86,345	41.5	121,625	58.5								
Chiropractic												
00 - 14	6,381	4.1	5,829	3.7								
15 - 44	43,597	27.7	45,539	28.9								
45 - 64	18,317	11.6	20,151	12.8								
65 +	7,744	4.9	9,776	6.2								
Total	76,039	48.3	81,295	51.7								

¹ This table excludes data pertaining to physicians' practice under teaching arrangements and where special numbers have been issued for reporting claims.

Section IV

Personal Care

The statistical tables in this section are based on the Annual Return of Special Care Facilities and other Commission Records.

Table 1

Personal Care Homes by Health Region, Rated Bed Capacity¹, Resident Days, and Occupancy Rates,

1987/88

Personal Care Home	Identification Number	Rated Bed Capacity	Resident Days	Occupancy Rate (%)
Central Region				
Altona and District, Altona	0600	25	9,234	100.9
Boyne Lodge, Carman	0611	70	25,514	99.6
The Ebenezer Home, Altona	0623	46	16,808	99.8
Foyer Notre Dame, Notre Dame de Lourdes	0629	61	21,785	95.4
Holiday Retreat, Portage (Closed July 10/87)	0561	-	559	22.1
Lions Prairie Manor, Portage	0640	151	54,913	99.4
MacGregor P.C.H., MacGregor	0691	20	7,296	99.7
Manoir de St. Claude Inc., Ste. Claude	0674	18	6,560	99.6
Morris Eventide Home, Morris	0651	26	8,809	92.6
Red River Valley Lodge, Emerson	0624	20	7,300	99.7
Red River Valley Lodge, Morris	0661	40	14,606	99.8
Salem Home, Winkler	0672	125	40,556	90.3
Tabor Home, Morden	0686	60	21,919	99.8
Third Crossing Manor, Gladstone	0689	50	18,260	99.8
Tiger Hills Manor, Treherne	0687	22	7,997	99.3
Sub-Total		734	262,116	96.8
Eastman Region				
Bethesda, Steinbach	0609	60	21,856	99.5
Eastgate Lodge, Beausejour	0620	60	21,548	98.1
Lac du Bonnet District Health Board Inc., Lac du Bonnet	0566	30	10,868	99.0
Manoir St. Pierre, St. Pierre Jolys	0645	16	5,828	99.5
Menno Home for the Aged, Grunthal	0646	40	14,588	99.6
Rest Haven, Steinbach	0662	60	21,811	99.3
St. Adolphe N.H., St. Adolphe	0576	42	15,372	100.0
Shevchenko Senior Citizens Home, Vita	0679	30	10,959	99.8
Villa Youville, Ste. Anne	0693	75	26,090	95.0
Whitemouth District P.C.H. (Opened Aug. 15/87)	0598	20	3,485	75.8
Sub-Total		433	152,405	97.8
Interlake Region				
Betel Foundation, Gimli	0603	95	34,181	98.3
Betel Foundation, Selkirk	0605	94	33,883	98.5
Goodwin Lodge, Teulon	0631	20	7,183	98.1
Lakeshore P.C.H., Ashern	0604	20	7,259	99.2
Lakeshore P.C.H., Eriksdale	0606	20	7,275	99.4
Lakeshore P.C.H., Lundar	0612	20	7,301	99.7
Pioneer Health Services, Arborg	0656	40	14,547	99.4
Red River Place, Selkirk	0583	104	38,005	99.8
Rosewood Lodge, Stonewall	0663	30	10,965	99.9
Tudor House, Selkirk	0593	76	27,763	99.8
Sub-Total		519	188,362	99.2

Table 1 (Continued)

Personal Care Homes by Health Region, Rated Bed Capacity¹, Resident Days, and Occupancy Rates,

1987/88

Personal Care Home	Identification Number	Rated Bed Capacity	Resident Days	Occupancy Rate (%)
Norman Region				
Flin Flon P.C., Flin Flon	0622	30	10,940	99.6
Northern Lights Manor, Flin Flon	0653	30	10,810	98.5
Pinaow-Wachi, Norway House	0658	26	9,227	97.0
St. Paul's Residence, The Pas	0670	70	25,378	99.1
Sub-Total		156	56,355	98.7
Parkland Region				
Dauphin P.C.H., Dauphin	0614	65	22,752	95.6
Dr. Gendreau Memorial Home, Ste. Rose	0638	40	14,609	99.8
Gilbert Plains Health Centre Inc., Gilbert Plains	0552	30	8,969	81.7
Grandview P.C.H., Grandview	0633	40	14,467	98.8
McCreary/Alonsa P.C.H., McCreary	0641	20	7,237	98.9
Roblin District P.C.H., Roblin	0666	30	10,945	99.7
St. Paul's Home, Dauphin	0669	70	25,582	99.9
Swan River Valley Lodge, Swan River	0683	50	16,974	92.8
Swan River Valley P.C.H., Swan River	0684	60	21,803	99.3
Winnipegosis/Mossey River, Winnipegosis	0697	20	7,036	96.1
Sub-Total		425	150,374	96.7
Westman Region				
Baldur Manor P.C.H., Baldur	0602	20	7,254	99.1
Bayside P.C.H., Killarney	0601	30	10,957	99.8
Birtle P.C.H. Inc., Birtle	0608	20	7,256	99.1
B.M.W. Health Facilities, Boissevain	0610	20	7,291	99.6
Bren-Del-Win Lodge, Deloraine	0613	30	10,958	99.8
Carberry P.C.H., Carberry	0616	30	10,965	99.9
Central Park Lodge, Brandon	0529	89	32,193	98.8
Delwynda Court P.C.H. Inc., Deloraine	0618	16	5,791	98.9
Eastview Lodge, Neepawa	0621	125	45,383	99.2
Fairview Home, Brandon	0625	248	89,733	98.9
Glenboro P.C.H., Glenboro	0698	20	7,298	99.7
Hamiota P.C.H. Inc., Hamiota (Birch Lodge)	0677	30	10,941	99.6
Hillcrest Place, Brandon	0557	100	36,569	99.9
International N.H., Brandon	0565	45	17,537	92.8
Lakeview Senior Citizens Home, Killarney	0637	39	14,241	99.8
Melita and Area P.C.H., Melita	0652	20	7,286	99.5
Minnedosa and District P.C.H., Minnedosa	0648	50	18,170	99.3
Morley House, Shoal Lake	0650	40	14,445	98.7
Prairie View Lodge, Pilot Mound	0659	30	10,771	98.1
Riverdale P.C.H., Rivers	0671	20	7,170	98.0
Reston P.C.H. Inc., Reston (Willowview Home)	0554	20	7,294	99.6

Table 1 (Continued)

Personal Care Homes by Health Region, Rated Bed Capacity¹, Resident Days, and Occupancy Rates,

1987/88

Personal Care Home	Identification Number	Rated Bed Capacity	Resident Days	Occupancy Rate (%)
Westman Region (Continued)				
Rock Lake P.C.H., Pilot Mound	0654	24	8,690	98.9
Rosburn P.C.H., Rosburn	0692	20	7,301	99.7
Russell and District P.C.H., Russell	0664	40	14,591	99.7
Salvation Army Dinsdale, Brandon	0599	60	21,953	100.0
Sandy Lake Home, Sandy Lake	0678	36	13,127	99.6
The Sherwood, Virden	0681	50	18,310	100.1
Souris District P.C.H., Souris	0682	34	12,091	97.2
Victoria Park Lodge, Souris	0690	20	7,342	100.3
Wawanesa P.C.H., Wawanesa	0694	20	7,261	99.2
Westman N.H., Virden	0695	50	17,986	98.3
Westview Lodge, Boissevain	0696	44	16,002	99.4
Sub-Total		1,440	524,157	99.0
Winnipeg Region				
Beacon Hill Lodge	0508	175	63,856	99.7
Bethania Mennonite P.C.H.	0607	150	49,308	89.8
Central Park Lodge, Poseidon Bay	0521	218	79,422	99.5
Central Park Lodge, Edmonton Street	0525	277	101,055	99.7
Conquist N.H.	0537	64	23,503	100.3
Convalescent Home	0617	84	30,725	99.9
Deer Lodge P.C.H.	0699	185	67,153	99.2
Donwood Manor	0619	81	29,515	99.6
Foyer Valade Inc.	0626	70	25,356	99.0
Golden Door Geriatric Centre	0551	78	28,521	99.9
Golden Links Lodge (Oddfellows and Rebekahs P.C.H.)	0685	90	33,048	100.3
Golden West Centennial Lodge	0632	91	33,172	99.6
Heritage Lodge N.H.	0555	86	31,439	99.9
Holiday Haven N.H.	0559	155	56,673	99.9
Holy Family N.H.	0635	284	103,495	99.6
Kiwanis Centre for the Deaf	0636	22	8,027	99.7
Lions Manor	0639	135	45,998	93.1
Luther Home	0643	80	29,280	100.0
Manitoba Oddfellows Homes	0644	43	14,507	90.8
Maples P.C.H. Limited	0568	200	73,150	99.9
Meadowood Manor (Manitoba Baptist Home Society)	0642	90	32,936	100.0
Metro Kiwanis Courts	0647	47	16,766	97.5
The Middlechurch Home	0649	197	70,471	99.0
Oakview Place	0571	244	89,060	99.7
Park Manor P.C.H.	0657	100	36,565	99.9
St. Joseph's Residence	0667	100	36,550	99.9
St. Norbert N.H.	0581	91	33,215	99.7
The Sharon N.H.	0680	208	75,294	98.9
Tache Nursing Centre	0688	320	116,676	99.6
Tuxedo Villa N.H.	0594	211	77,719	100.5

Table 1 (Continued)**Personal Care Homes by Health Region, Rated Bed Capacity¹, Resident Days, and Occupancy Rates,**

1987/88

Personal Care Home	Identification Number	Rated Bed Capacity	Resident Days	Occupancy Rate (%)
Winnipeg Region (Continued)				
Vista Park Lodge	0595	100	36,544	99.8
West Park Manor	0596	150	54,712	99.7
Winnipeg Presbytery Society (Fred Douglas Lodge)	0628	106	36,202	89.9
Sub-Total		4,532	1,639,913	98.8
Total		8,239	2,973,682	98.5

¹ As at March 31, 1988.**Table 2****Resident Days of Personal Care Homes by Health Region,**

1987/88

Region	Resident Days	
	Number	Percent
Central	262,116	8.8
Eastman	152,405	5.1
Interlake	188,362	6.3
Norman	56,355	1.9
Parkland	150,374	5.1
Westman	524,157	17.6
Winnipeg	1,639,913	55.1
Total	2,973,682	100.0